APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Polyacetylenic Compounds. XVII (1) The Nature of Acetylenic Compounds, 9 pp, by F. Bohlmann et al.

GERMAN, pur, Chem Ber, Vol LXXXIX, 1956, pp 1281-1287.

CIA/FDD XR-839
NOT RELEASABLE TO FOREIGN NATIONALS

Sbj - Chemistry
Feb 1957 CSB/dax
IMO INTERNAL USE ONLY

44, 182

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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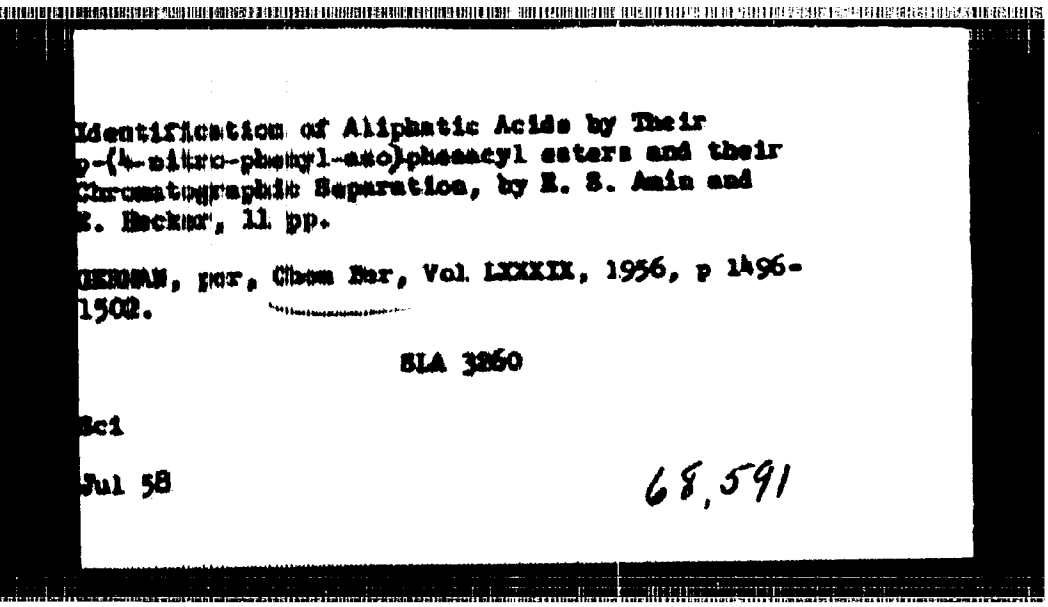

Identification of Aliphatic Acids by Their
p-(4-nitro-phenyl-azo)phenacyl esters and their
Chromatographic Separation, by E. S. Amin and
E. Becker, 11 pp.

GERMAN, per, Chem Ber, Vol. LXXXIX, 1956, p 1496-
1502.

SIA 3260

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Jul 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

New Views on the Formation and Constitution of Iron Carbonyls Containing Ethylenodiamine. (Metallic Carbonyls Part LXXIX, by W. Hieber, et al.

GERMAN, per, Chemische Berichte, Vol XC, 1957, pp 278-286.

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Sci - Chem
Aug 62

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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Acids of Sulfur. V. Decomposition of Chain Sulfur Compounds, by Max and Taleky Schmidt, Gerhard, 18 pp.

GERMAN, per, Chemische Berichte, Vol XC, 1957, pp 1673-1683.

SLA 60-16905

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26 May 60
Vol IV, No 8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Göhring, Margot and Niedenzu, Kurt.
ON PHOSPHORUS-NITROGEN COMPOUNDS. [1960]
12p. (illus. omitted) 18 refs.
Order from SLA mill 2.40, ps$3.30 61-10178

Trans. of Chemische Berichte (West Germany) 1956, v. 89, no. 7, p. 1708-1775.

Procedures are described for the preparation of phosphoroxy-triamide, $OP(NH_2)_3$, and alkylated amides of orthophosphoric acid and thiophosphoric acid and of amides of the phosphoric acid esters. The tetramide of the diphosphoric acid is prepared by reacting $Cl_2P(O)\text{-}O\text{-}P(O)Cl_2$ with excess, liquefied ammonia. This compound, $(NH_2)_2P(O)\text{-}O(O)P(NH_2)_2$, is isotypical with the tetramide of imido-diphosphoric acid, $(NH_2)_2P(O)\text{-}N(H)\text{-}P(O)(NH_2)_2$ a substance, which can be obtained just like the pentamide of the diimido-triphosphoric acid. If one splits ammonium ion out of phosphoroxy-triamide, $OP(NH_2)_3$ by treatment with HCl. From phosphoroxy-triamide, $OP(NH_2)_3$ and
(Chemistry--Organic, TT, v. 5, no. 2) (over)

61-10178

1. Nitrogen compounds (Organic)--Synthesis
2. Phosphorus compounds (Organic)--Synthesis
I. Göhring, M.
II. Niedenzu, K.

141,152

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Structure of Phenylchromium Compounds. Aromatic Complexes of Metals of Group VI, by E. Otto Fischer, Dietlinde Seus, 6 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, 1956, pp 1813-1815.

CIA/FTD XX-240
NOT RELEASABLE TO FOREIGN NATIONALS

44, 183

Sect - Chemistry
Feb 1957 CTB/dax
IAC INTERNAL USE ONLY

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Preparation and Configuration of Some 3,4-Disubstituted Cyclohexane Carboxylic Acids, by Rudolf [illegible] Arno Heinke, Christian Sommer, 22 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, No 8, 1956, pp 1978-1980.

SLA 59-10526

Sci - Chem
Sep 59
Vol 2, No 1

97,266

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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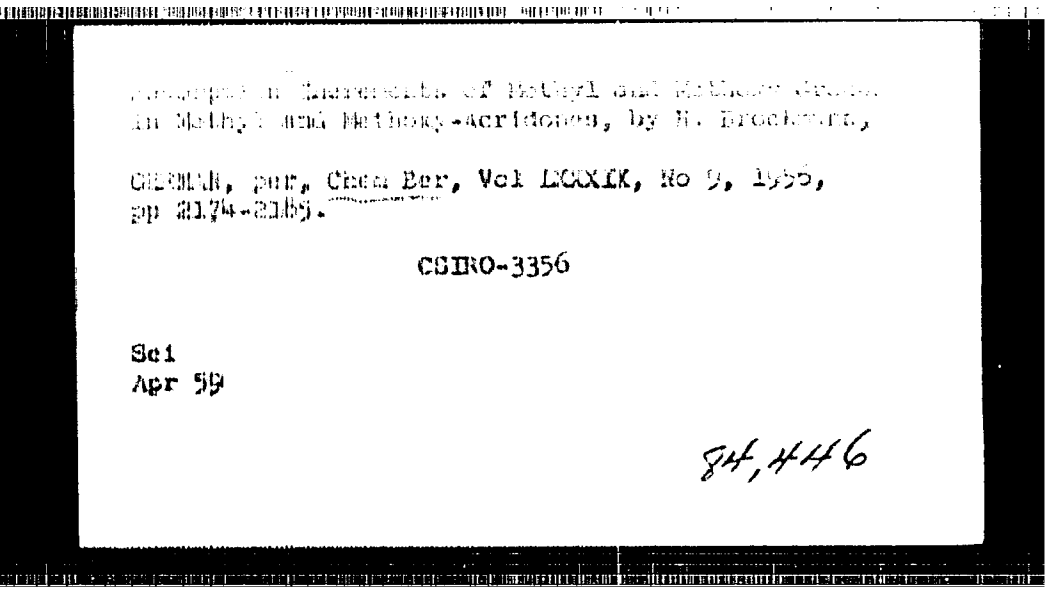

[illegible] Isomerism of Methyl and Ethoxy Groups in Methyl and Methoxy-Acridones, by H. Brockmann,

CHEMIE, pur, Chem Ber, Vol LXXXIX, No 9, 1956, pp 2174-2185.

CSIRO-3356

Sci
Apr 59

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

A Naphthalene Complex of Divalent Iron Aromatic Complexes of Metals, VIII, 1959, by E. Otto Fischer, Rudolf Bottcher, 7 p.

(GERMAN, per, Chem Ber, 1956, Vol LXXXIX, No 10, pp 2397-2400.

SLA 59-15935

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Vol 2, No 6

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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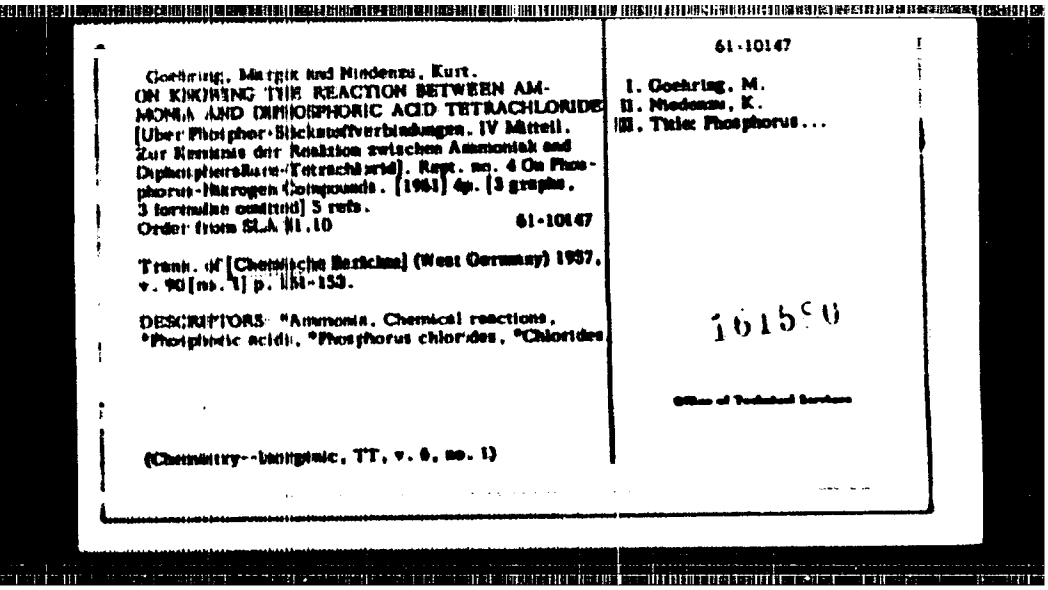

Goehring, Margrit and Niedenzu, Kurt.
ON KNOWING THE REACTION BETWEEN AMMONIA AND DIPHOSPHORIC ACID TETRACHLORIDE [Über Phosphor-Stickstoffverbindungen. IV Mitteil. Zur Kenntnis der Reaktion zwischen Ammoniak und Diphosphorsäure-Tetrachlorid]. Rept. no. 4 On Phosphorus-Nitrogen Compounds. [1961] 4p. [3 graphs, 3 formulas omitted] 5 refs.
Order from SLA $1.10 61-10147

Trans. of [Chemische Berichte] (West Germany) 1957, v. 90[no. 1] p. 154-159.

DESCRIPTORS: *Ammonia, Chemical reactions, *Phosphoric acids, *Phosphorus chlorides, *Chlorides

(Chemistry--Inorganic, TT, v. 6, no. 1)

61-10147

1. Goehring, M.
II. Niedenzu, K.
III. Title: Phosphorus...

16150

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Goubeau, J. and Epple, R.
THE THERMAL DECOMPOSITION OF TRIMETHYL BORON. [1961] 10p. (figs. omitted) 7 refs.
Order from SLA $1 10 62-10387

Trans. of [Chemische] Ber[ichte] (West Germany) 1957. v. 90 [no. 2] p. 171-[181].

DESCRIPTORS: *Boron compounds, Boron, *Methyl radicals, Pyrolysis

(Chemistry--Inorganic, TT. v. 7, no. 8)

62-10387

I. Goubeau, J.
II. Epple, R.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

[redacted] Problems in the Chemistry of Carbon [redacted] and Carbon Diselenide, II. (1) The Spontaneous Decarboxylation Condensation of Salts and Esters of Cyanodithioformic Acid, Free Cyanodithioformic Acid. (2), by G. Bahr, G. Schleitzer, 15 pp.

GERMAN, per, Chem Ber, Vol XC, 1957, pp 438-443.

SLA 57-3391

Sel
Apr 58

84, 444 4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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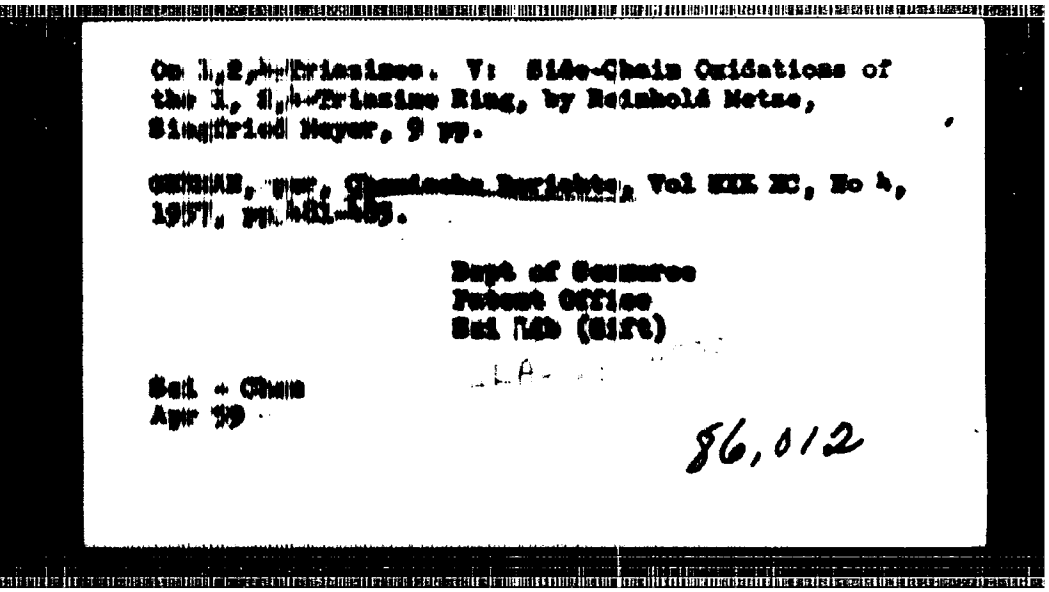

On 1,2,4-Triazines. V: Side-Chain Oxidations of the 1,2,4-Triazine Ring, by Reinhold Metze, Siegfried Meyer, 9 pp.

[illegible], Vol XXX XC, No 4, 1957, pp. [illegible].

Dept of Commerce
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Sci - Chem
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Müller, E., Fries, D., and Metzger, H.
DIRECT OXIMATION OF CYCLOPARAFFINS. Pt. 8 of Nitroso Compounds. [1961] 15p.
Order from ATS $3.00 MS ATS-78P586

Trans. of Chem[ische] Ber[ichte] (West Germany) 1957, v. 90, p. 1188-1201.

DESCRIPTORS: *Methanes, *Oximes, *Nitroso radicals

(Chemistry--Organic, TT, v. 7, no. 10)

62-12679

I. Title: Oximation
I. Müller, E.
II. Fries, D.
III. Metzger, H.
IV. Title: Nitroso...
V. ATS-78P586
VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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About the Dependence of the Rate of Aminolysis of n-Octadecyl Chloride Isomers Upon the Position of Chlorine in the Molecule, by Gerhard Geissler, Friedrich Asinger, 7 pp.

GERMAN, per, Chemische Berichte, Vol XC, No 9, 1957, pp 1786-1789.

CIA/FDD TR-468
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IAC Exchange Use Only 67,778

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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The Structure of Chromium Phenyl Compounds. Aromatic Complexes of Metals VI, by E. Otto Fischer, Dietlinde Seus, 12 pp.

CHEMIE, per, Chemische Berichte, Vol LXXXIX, No 9, 1957, pp 1809-1815.

SLA 59-15934

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Dec 59
Vol 2, No 4

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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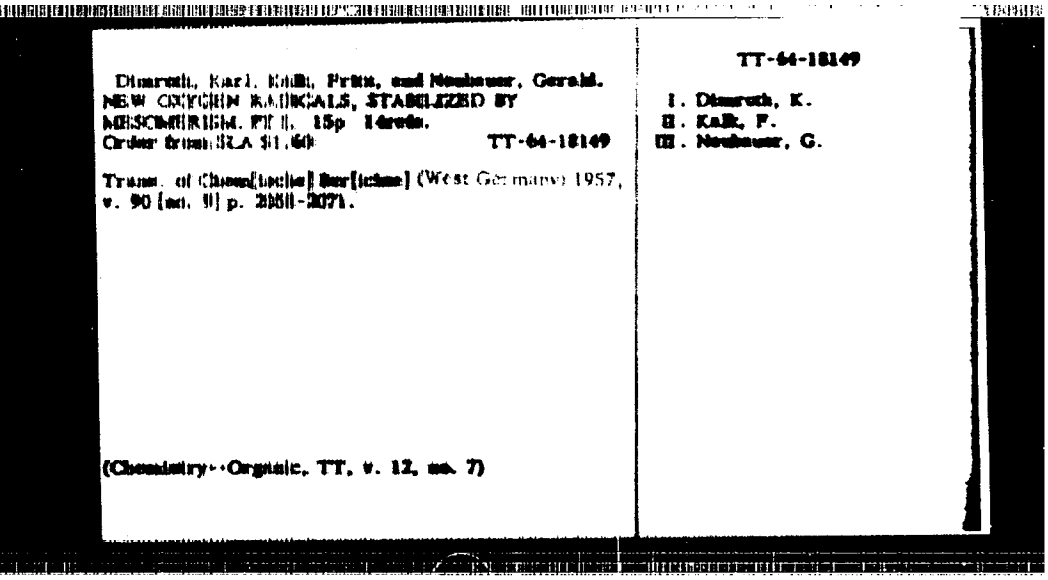

Dimroth, Karl. Kalk, Fritz, and Neubauer, Gerald.
NEW OXYGEN RADICALS, STABILIZED BY
MESOMERISM. Pt II. 15p 14refs.
Order from: BLA $11.60 TT-64-18149

Trans. of Chem[ische] Ber[ichte] (West Germany) 1957, v. 90 [no. 9] p. 2081-2071.

(Chemistry--Organic, TT, v. 12, no. 7)

TT-64-18149

I. Dimroth, K.
II. Kalk, F.
III. Neubauer, G.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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Metal Complexes of Schiff's Bases Derived From o-Aminophenol and Dicarbonyl Compounds, by Ernst Bayer.
GERMAN, per, Chemische Berichte, Vol XC, Nb 10, 1957, pp 2325-2338.
SLA TT 64-20235

Apr 67 322,273

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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Dehydrocondensation und [illegible]-Pyrrole, by Georg Hilbig, Wolfgang Bebnisch, 12 pp. GERMAN

GERMAN, pub, Chem Ber, Vol XC, No 11, 1958, pp 2358-2365.

CIA/FDD XX-620

Bel - Chem
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

On Chemistry of Polyheterohalocyclohexanens. PIV5
1-IODO-2,3,4,5,6-Penta-Chloro-and 1-IODO-2,4,5,-
TRI(Hetero)- Halocyclohexanens, by Randolph
Rieneckneider and Gunter Nau.
GERMAN, per, Chem Ber,1957, vol. 90, no.12,
pp.2713-2719.
SIA-TT-64-20222

Chem
Aug 66

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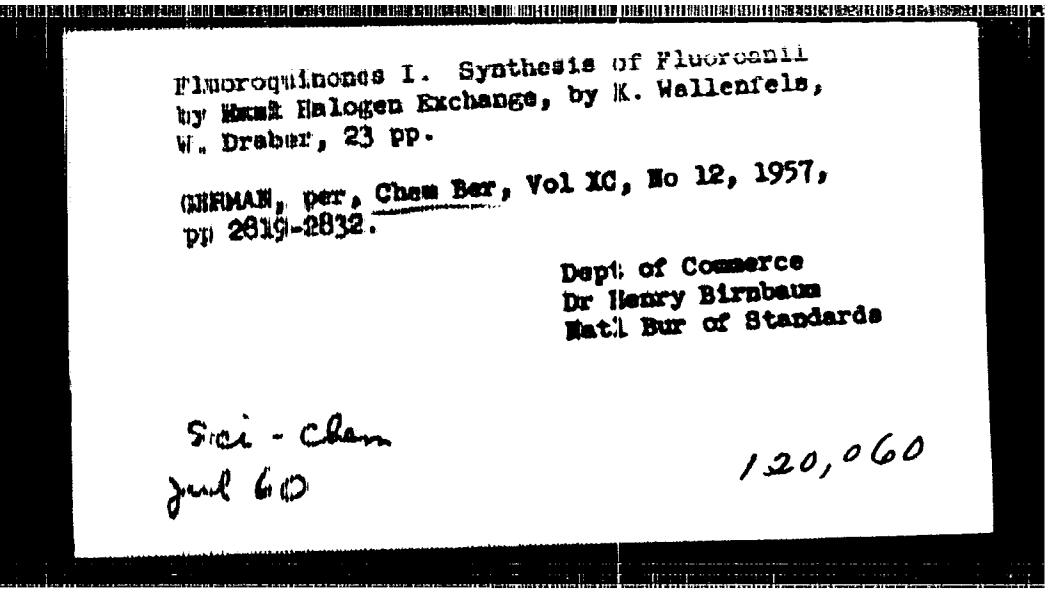

Fluoroquinones I. Synthesis of Fluoranil
by ~~Kern~~ Halogen Exchange, by K. Wallenfels,
W. Draber, 23 pp.

GERMAN, per, Chem Ber, Vol XC, No 12, 1957,
pp 2819-2832.

Dept of Commerce
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Sci - Chem
Jul 60

120,060

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Organic Phosphorus Compounds, XX[8] Structure Determination of the Schomburg Adducts, by H. Hoffmann, L. Horner, G. Hassel, 4 pp.

CHEMIE, Ger., Chem Ber., Vol XCI, 1958, pp 58-60.

CIA/FDD XX-543
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Sci - Chem
Nov 58

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Intracrystalline Swelling as the General Model for Swelling Processes, by A. Weiss.
GERMAN, per, Chemische Berichte, Vol XCI, 1958, pp 487-502.

CSIRO/No 6354

Std. - Chem

Feb 64 250,121

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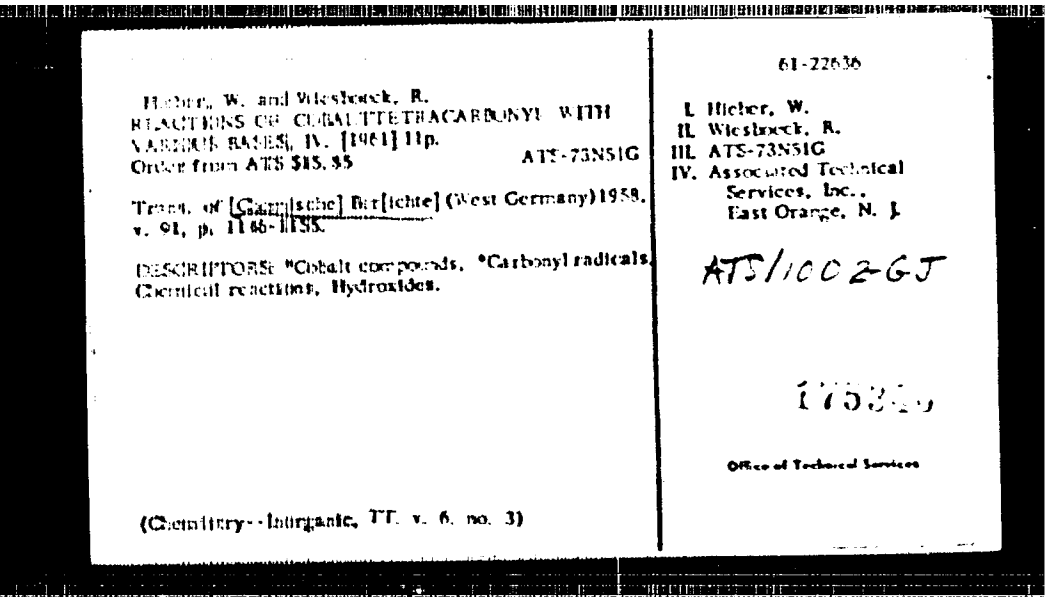

Hieber, W. and Wiesboeck, R.
REACTIONS OF COBALTTETRACARBONYL WITH VARIOUS BASES, IV. [1961] 11p.
Order from ATS $15.35 ATS-73N51G

Trans. of [Gamlsche] Ber[ichte] (West Germany) 1958, v. 91, p. 1146-1155.

DESCRIPTORS: *Cobalt compounds, *Carbonyl radicals, Chemical reactions, Hydroxides.

(Chemistry--Inorganic, TT. v. 6, no. 3)

61-22636

I. Hieber, W.
II. Wiesboeck, R.
III. ATS-73N51G
IV. Associated Technical Services, Inc., East Orange, N. J.

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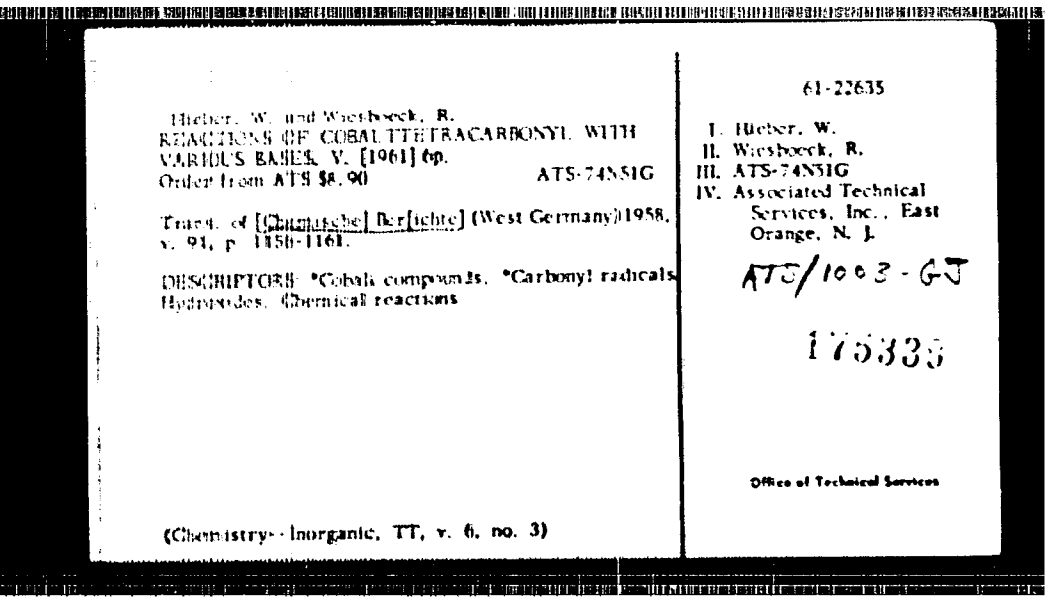

Hieber, W. and Wiesboeck, R.
REACTIONS OF COBALTTETRACARBONYL WITH VARIOUS BASES. V. [1961] 6p.
Order from ATS $8.90 ATS-74N51G

Trans. of [Chemische] Ber[ichte] (West Germany)1958, v. 91, p. 1150-1161.

DESCRIPTORS: *Cobalt compounds, *Carbonyl radicals, Hydroxides, Chemical reactions

(Chemistry - Inorganic, TT, v. 6, no. 3)

61-22635

I. Hieber, W.
II. Wiesboeck, R.
III. ATS-74N51G
IV. Associated Technical Services, Inc., East Orange, N. J.

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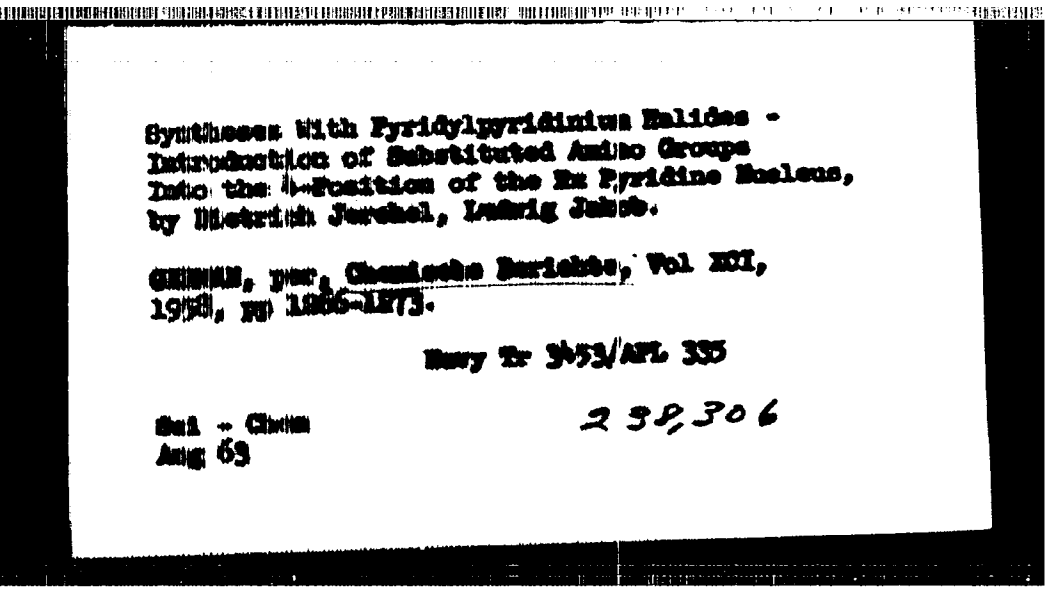

Syntheses With Pyridylpyridinium Halides -
Introduction of Substituted Amino Groups
Into the 4-Position of the Ex Pyridine Nucleus,
by Dietrich Jerchel, Ludwig Jakob.

CHEMIE, per, Chemische Berichte, Vol XXI,
1958, pp 1966-1975.

Navy Tr 3453/APL 333

Sel - Chem
Aug 63

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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On the Nucleophilic replacement of the halogen in O-Bromobenzoic Acids,
by H. Mayer, R. Fikentscher.
GERMAN, per, Chemische Berichte,
Vol XCI, 1958, pp 1536-1541.
*AEC Tr 2338

Check AEC before Releasing.

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Autoxidation of Hydrocarbons. XXII [2]. The Reaction of α-Cumyl Hydroperoxide With Lead Tetraacetate, by H. Hock, H. Kropf, 8 pp.

CHEMAN, per, Chem Ber, Vol XCI, 1958, pp 1681-1687.

ATD-OhL300

Sci - Chem
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Vol 2, No 1

97, 889

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Aromatic Complexes of Metals XVII [1], Cyclopentadien Metal Carbonyls of Nickel, by E. O. Fischer, C. Palm, 97pp.

Germany, pbr, Chem Ber, Vol CXI
1958, pp 1725-1731

[redacted]
ATS-03L30G

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Sep 59
Vol 31, No 1

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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Dornow, Alfred and Rombusch, Konrad.
SYNTHESES WITH ACETYLENE COMPOUNDS. V. CONCERNING THE PREPARATION OF 1H-1,2,3-TRIAZOLES. [1961] 6p. (experimental part omitted) 19 refs.
Order from SLA 51.10 61-20656

Trans. of Chemische Berichte (West Germany) 1958, v. 91, p. 1841-1846.

DESCRIPTORS: *Azoles, Synthesis. *Acetylenes, Chemical reactions.

(Chemistry--Organic, TT, v. 7, no. 2)

61-20656

I. Dornow, A.
II. Rombusch, K.
III. Title: Concerning...

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Dornow, Alfred and Rombusch, Konrad.
SYNTHESES OF NITROGEN CONTAINING HETEROCYCLES. XIX. ATROPISOMERISM (ENANTIOMORPHISM) IN A 1H-1, 2, 3-TRIAZOLE COMPOUND. [1961] 4p. (experimental part omitted) 8 refs.
Order from SLA $1.10 61-20657

Trans. of Chemische Berichte (West Germany) 1958, v. 91, p. 1851-1854.

DESCRIPTORS: *Heterocyclic compounds, *Nitrogen, Synthesis, *Azoles, *Carboxylic acids, Acids, *Isomeric transitions, Optics, Racemization

A dicarboxylic acid of the 1H-1, 2, 3-triazole series was separated into its enantiomorphs. The optical activity is explained by the hindrance to the free rotatability of the two triazole rings. (Author)

(Chemistry--Organic, TT, v. 7, no. 2)

61-20657

I. Title: Enantiomorphism
I. Dornow, A.
II. Rombusch, K.
III. Title: Atropisomerism...

Office of Technical Services

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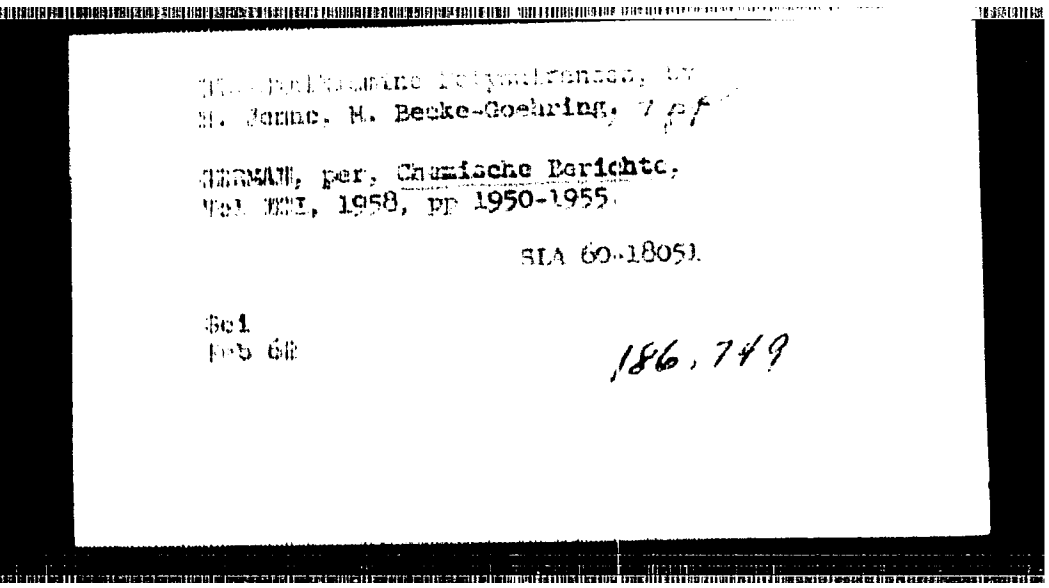

[illegible] Polymerane Equilibrenses, by
H. Jenne, M. Becke-Goehring, 7 pp

[illegible], per, Chemische Berichte,
Vol. XCI, 1958, pp 1950-1955.

SIA 60-18051

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Feb 60

186,749

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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Metal-Aromatic Complexes. XIX Alkali Salts Of Cyclopentadienyl Vanadium Tricarbonyls, by E.O. Fischer and S. Vigoureaux.

GERMAN, pub; Chem Ber, VOL XCI, NO 10, 1958, pp 2205-2209.

CSIRO

Oct. 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Reactions Of Iron Pentacarvonyl With Various N-Bases. I. Formation Of Quadrinuclear Carbonyl Ferrates, by Walter Hieber and Norbert Kahlen.

GERMAN, per, Chemische Berichte, Vol XCI, No 10, 1958, pp 2223-2228.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Reactions of Iron Pentacarbonyl with Various N- Bases. II. Formation of Mainly Binuclear Carbonyl Ferrates, by by Walter Hieber, Norbert Kahlen,

GERMAN, per, Chem Berichte, Vol XCI, No 10, pp 2234-2236. 1958

C.S.I.R.O.

Sci - Chem

May 60

116,423

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Reaction of Bromo-malonic Acid-dinitrile with Amines: A Contribution to the Polymerization Mechanism of Hydrocyanic Acid, by Walter Ruske. 12 pp.
GOVERNMENT USE ONLY
GERMAN, per, Chem Ber, Vol 91, 1958, pp 2496-2504.
RAIA TT F-12,346

Sci-Chem

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Synthesis, Properties and Reactions of Pyrmidines. Report No. XI. Formamide Reactions, H. Brederick, R. Gompper, H. Herlinger.
GERMAN, per, Chemische Berichte, Vol 91, No 12, 1958, pp. 2832-49.
NTC 69-11051-07C

Sci-Chem
July 69 386,634

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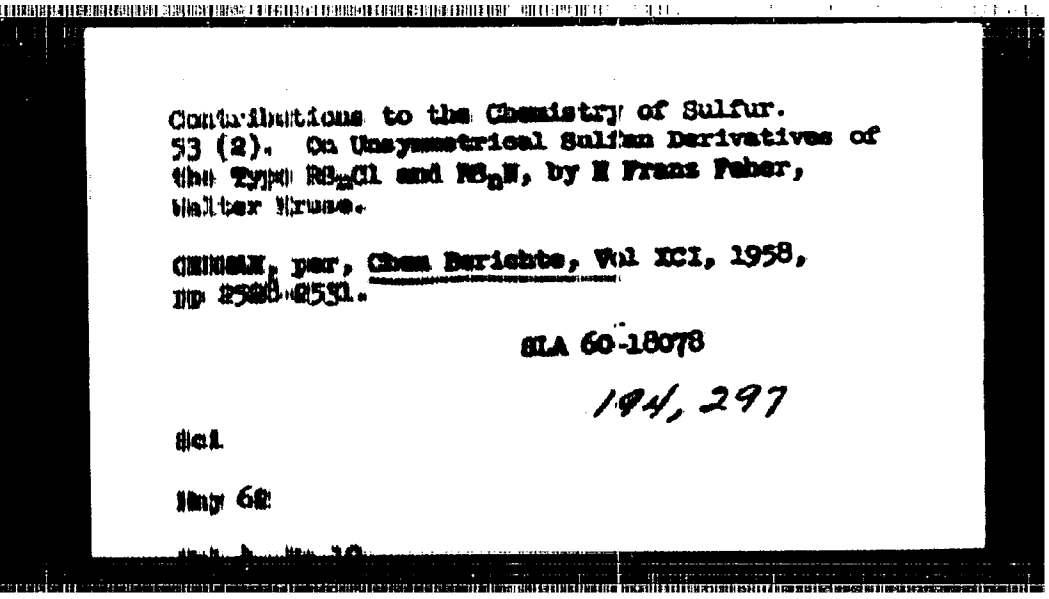

Contributions to the Chemistry of Sulfur.
53 (2). On Unsymmetrical Sulfan Derivatives of
the Type RS_2Cl and RS_nR, by H Franz Faber,
Walter Kruse.

CHEMSK, per, Chem Berichte, Vol XCI, 1958,
pp 2588-2591.

SLA 60-18078

194, 297

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Engr 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Oxygen Radicals. IX. The Dimerizing Dehydrogenation of Phenols by Means of 2,4,6-tri-tert.-butylphenoxyl-(1), by K. Ley, R. Muller, R. Mayer, K. Schaffler.

GERMAN, per, Chem. Ber, Vol XCI, 1958, pp 2670-2681.

NICC TT-852

Bdl - Chemistry
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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Oxygen Radicals, X. Electron Paramagnetic Resonance (EPR) Investigations of Oxygen Radicals, by E. Müller, K. Ley, K. Scheffler, R. Mayer.

GERMAN, pub, Chem. Ber, Vol XCI, 1958, pp 2682-2692

NRCC TT-853

Sci - Chemicals
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Aromatic Complexes of Metals. XXIII. Aromatic Substitutions In Cyclopentadienylmanganese Tricarbonyl by E.O. Fischer and K. Pleszke.

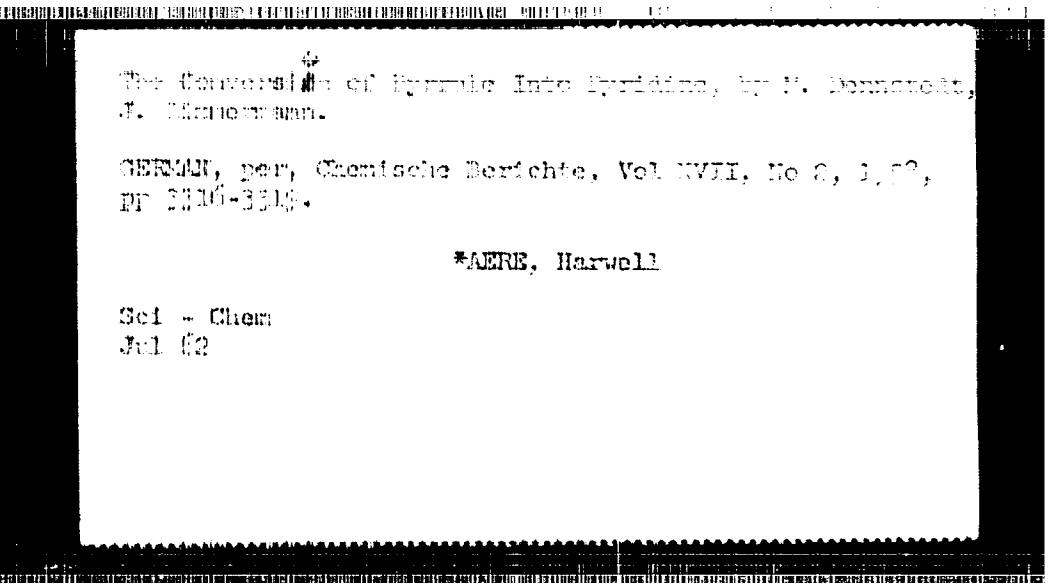
GERMAN, pur, Chemische Berichte, Vol XCI, 1958, pp 2719-2726.

CSIRO

Oct. 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4



The Conversion of Pyrrole Into Pyridine, by F. Dannenberg, J. Ehrenmann.

GERMAN, per, Chemische Berichte, Vol XVII, No 6, 1,52, pp 2336-2339.

*AERE, Harwell

Sci - Chem
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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A New [redacted] Rearrangement of Phenylalkanes,
by Costin D. Nenitzescu, Ioana Necsoiu, et al, 14 pp.

[redacted], ger, Chem Ber, Vol XCII, No 1, 1959,
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SLA 60-18537

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Sci

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Kinetics of the Liberation of the Benzine From Benzene Halides, by Rolf ERuisgen, Juergen Sauer, 18 pp. NOFORN

GERMAN, Ber, Chem Ber, Vol XCII, 1959, pp 192-202.

CIA/FDD-XX 697

NOFORN

SLA 59-17008

Sci.

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WSIB Journal Use Only

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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The Stereochemistry of the Pinner Splitting, by Friedrich Cramer, Hans-Joachim Baldauf, 15 pp.
NOFORN
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CIA/FDD-XX 698
NOFORN

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US Dept Int Bureau Use Only

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Kinetics of the Ring-Closing Reactions to N-Methyl-Indoline and N-Methyl-Tetrahydroquinoline, by Rolf Huisgen, Horst Konig, Hans Bleeker, 8 pp. NOFORN

GERMAN, per, Chem Ber, Vol XCII, 1959, pp 439-429.

CIA/FDD-XX 699

NOFORN

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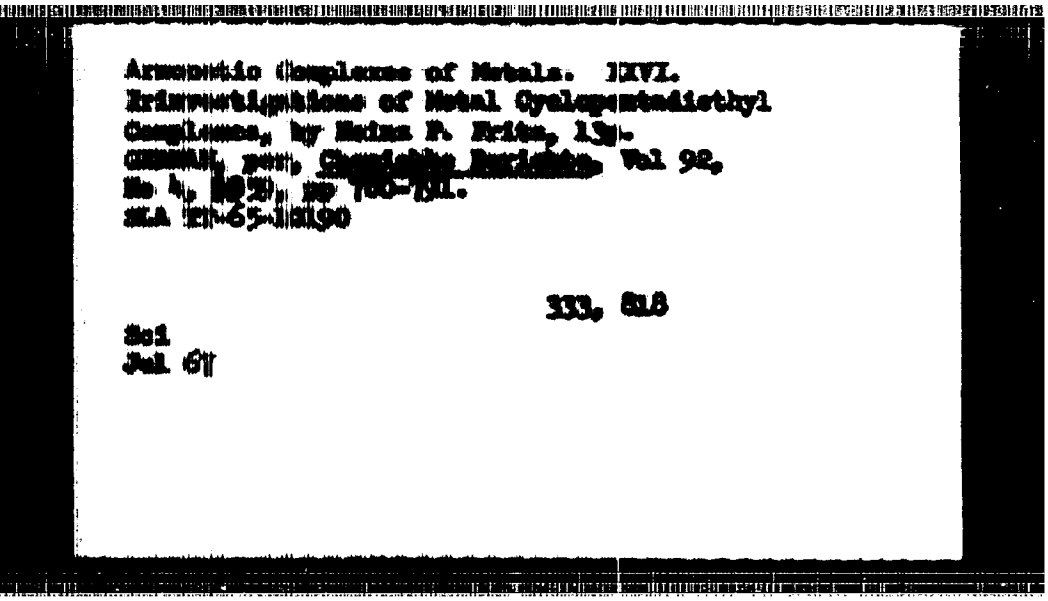

Arsenatic Complexes of Metals. IXVI.
Trimethylphilone of Metal Cyclopentadiethyl
Complexes, by Heinz P. Fritz, 13p.
CHEMICAL, year, Chemische Berichte Vol 98,
No 4, 1965, pp 765-771.
AEA EM-65-11100

333, 818

Sci
Jul 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Reactions of Acid Amide Acyl Halide Adducts: Preparation of Substituted Amidines and Amidrazones, by Hellmut Bredereck, Rudolf Gompper, Kurt Klemm, Rainz Rempfer, 10 pp. BOFORN

GERMAN, pub, Chem Ber, Vol XCII, 1959, pp 837-849.

CIA/FDD-DX 701
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Dependance of the Reactivity of Functional Groups in Paraffin Hydrocarbons on Their Position in the Molecule. II. The Substitution Ration in the Ozone-catalyzed Oxidation of n-Octadecane With Oxygen, by G. Geiseler, F. Asinger, H. Wien, 15 pp.

GERMAN, per. Chemische Berichte, Vol XCII, No 4, 1959, pp 958-970.

SLA 60-14534
AT/ 776 [illegible]

163,223

Boi
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

[redacted]-Chinazolidone-(6), A Mercury-Free Acid Amide, by Horst Pracejus, 8 pp.

[redacted], per, Chemische Berichte, Vol XCII, No 4, 1959, pp 988-998.

SLA 60-14069

Ger.

Chem 61

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Vol III, No 9

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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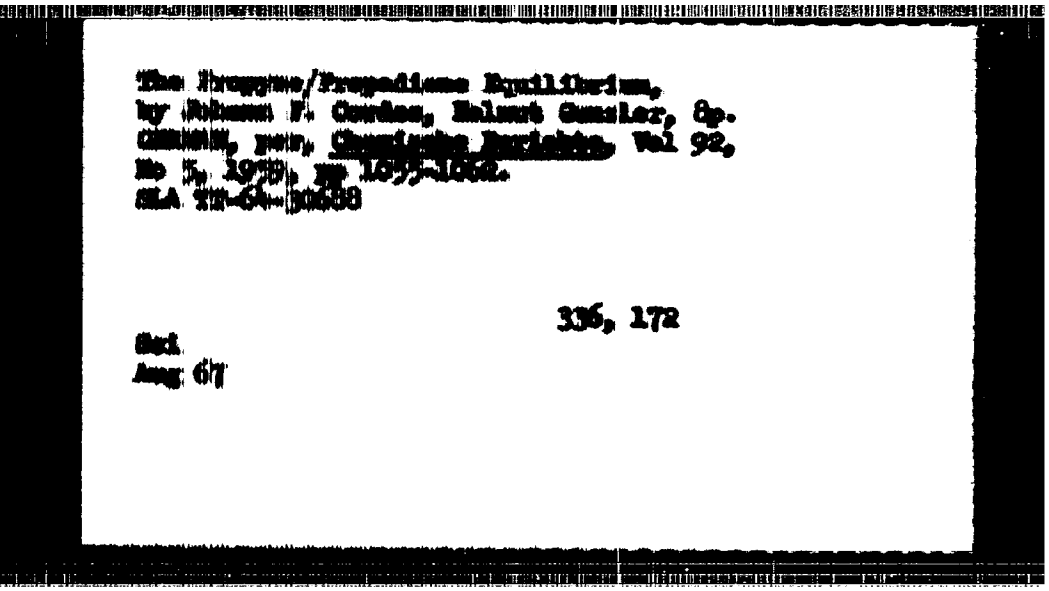

The Hydrogen/Propadiene Equilibrium,
by Robert F. Cordes, Helmut Gunsler, &p.
CHEMIE, ger, Chemische Berichte, Vol 92,
No 5, 1959, pp 1059-1062.
SLA TT-64-20638

336, 172

Unclassified
Aug 67

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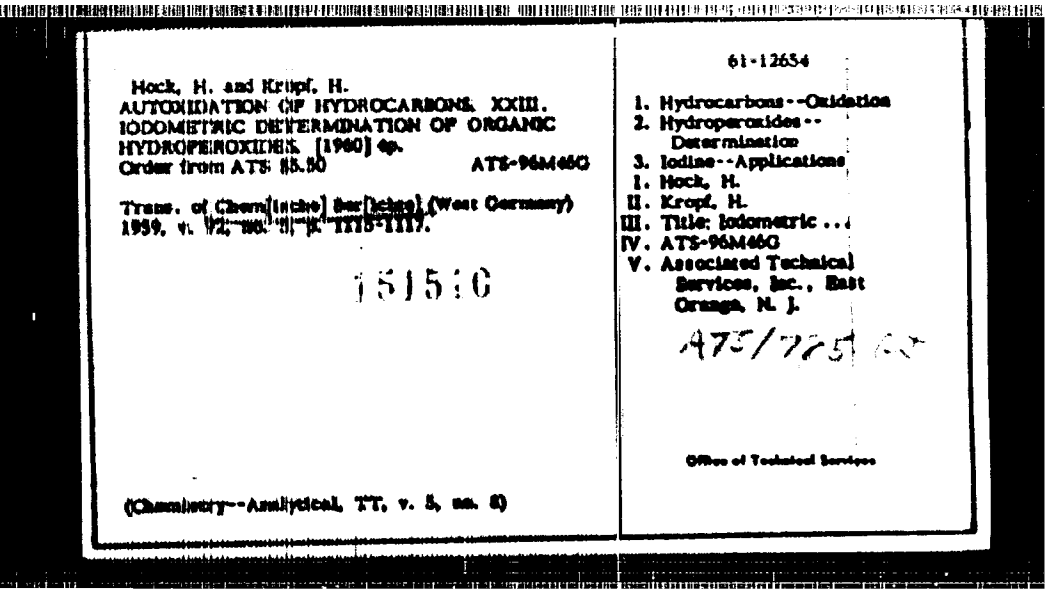

Hock, H. and Kropf, H.
AUTOXIDATION OF HYDROCARBONS. XXIII. IODOMETRIC DETERMINATION OF ORGANIC HYDROPEROXIDES. [1960] 4p.
Order from ATS $5.50 ATS-96M46G

Trans. of Chem[ische] Ber[ichte] (West Germany) 1959, v. 92, no. 11, pp. 2773-2777.

151516

(Chemistry--Analytical, TT, v. 5, no. 6)

61-12654

1. Hydrocarbons--Oxidation
2. Hydroperoxides--Determination
3. Iodine--Applications
I. Hock, H.
II. Kropf, H.
III. Title: Iodometric ...
IV. ATS-96M46G
V. Associated Technical Services, Inc., East Orange, N. J.

475/725

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Becke-Goehring, Margot and Koch, Gunther.
CHARACTERIZING PHOSPHONITRILOCHLORIDES.
[1961] 6p. (3 figs, 1 footnote omitted) 13 refs.
Order from SLA $1.10 62-10380

Trans. of [Chemische] Ber[ichte] (West Germany)
1959, v. 92, no. 5, p. 1184-[1195].

DESCRIPTORS: *Phosphonitrile chlorides, Chlorides, Molecular structure, Chemical reactions, Polymerization, Polymers, Rubber, Hydrolysis.

(Chemistry)--Organic, TT, v. 7, no. 8)

62-10380

I. Becke-Goehring, M.
II. Koch, G.

201339

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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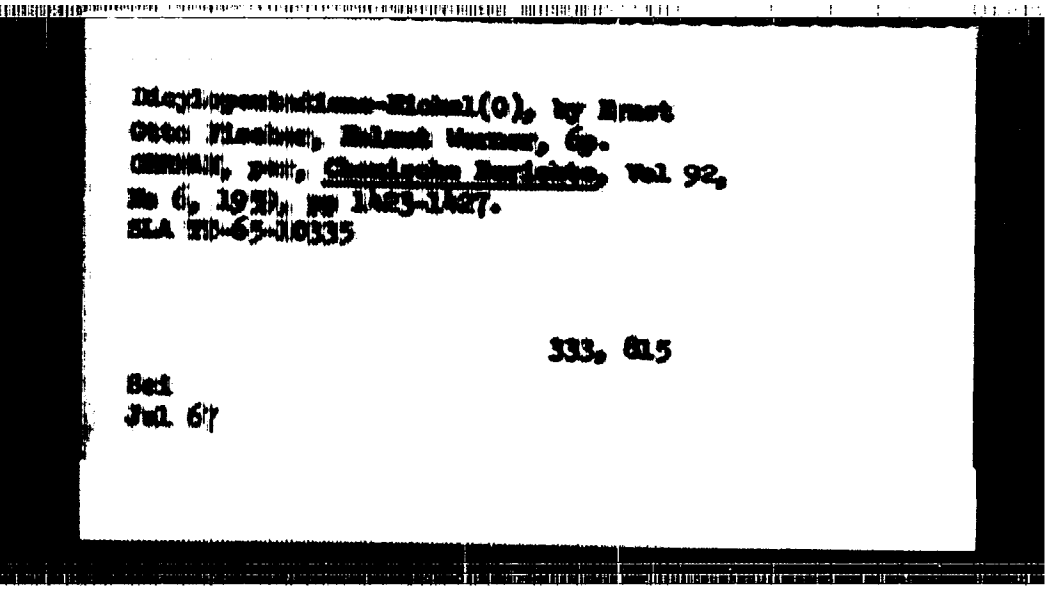

Dialkylguanidinium-Alkanol(O), by Ernst
Otto Fluck[illegible], Helmut Werner, Gp.
GERMAN, pat, [illegible], Vol 92,
No 6, 1967, pp 1423-1427.
ELA TD-65-10335

333, 615

Sel
Jul 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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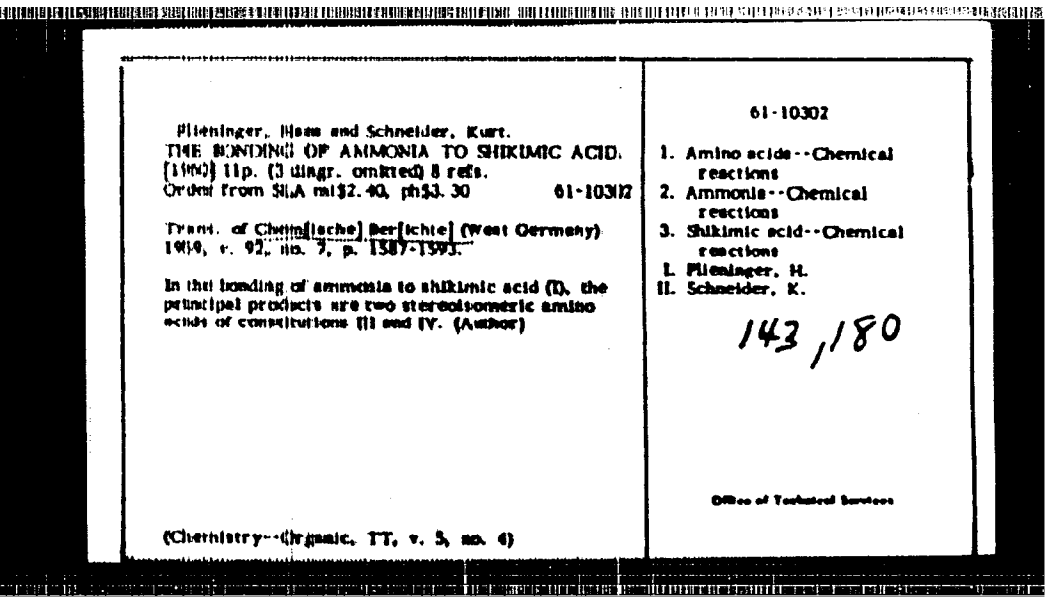

Pfleiderer, Hans and Schneider, Kurt.
THE BONDING OF AMMONIA TO SHIKIMIC ACID. [1960] 11p. (3 diagr. omitted) 8 refs.
Order from SLA mi$2.40, ph$3.30 61-10302

Trans. of Chemische Berichte (West Germany) 1960, v. 93, no. 7, p. 1587-1593.

In the bonding of ammonia to shikimic acid (I), the principal products are two stereoisomeric amino acids of constitutions III and IV. (Author)

(Chemistry--Organic, TT, v. 5, no. 4)

61-10302

1. Amino acids--Chemical reactions
2. Ammonia--Chemical reactions
3. Shikimic acid--Chemical reactions
I. Pfleiderer, H.
II. Schneider, K.

143,180

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Milk Trisaccharide Cleavable by Viruses of the Influenza Group, by Richard Kuhn, Reinhard Brossmer.

GERMAN, per, Chemische Berichte, No 92, 1959, pp 1667-1671.

MIH 2-65-63

Sci - Biol/Med Sci

May 63

231,895

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Klamann, D., Sass, C., and Zelenka, Maria.
THIONYL AMINES AND SULFINIC ACID AMIDES.
[1961] 8p. 8 refs.
Order from SLA $1.10 61-20514

Trans. of Chemische Berichte (West Germany) 1959 [v. 92] no. 8, p. 1810-1813.

DESCRIPTORS: *Amines, *Sulfonyl radicals, *Sulfinic acids, *Amides, Synthesis, Chemical reactions, *Grignard reagents.

Thionylamines for under suitable conditions in good yields and form with a Grignard reagent not only sulfinic acid anilidis, but also, sulfinic acid amides R'-SO-NH-R with an aliphatic or cyclo-aliphatic radical R and R'. (Author)

(Chemistry--Organic, TT, v. 7, no. 1)

61-20514

I. Klamann, D.
II. Sass, C.
III. Zelenka, M.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Unsaturated Aldehydes and Ketones. 3. Synthesis of the Violet-Leaf Aldehyde Trans, Cis-Nonadiene-(2,6)-al-(1), by C. Arts.

CHEMAN, per, Chemische Berichte, Vol XCII, No 9, 1959, pp 1989-1989.

CSIRO Tr 4956

Sci - Chem

156, 521

Jun 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

[illegible] Fractional Distillation of Their
N-Trifluoroacetyl-Methyl Esters, by Friedrich Weygand,
Rolf Geiger. 17 pp. UNCLASSIFIED

GERMAN, per, Chem Ber, Vol XCII, No 9, 1959,
pp 2089-2105. (Continued From XIV Chem Ber, Vol XCII,
1959, p 2095).

Navy 2656/BMCS 486

Sci - Chemistry
Nov 60

133,795

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

On the Lubricating Property of Organic Molbedenum Compounds, by Gunter Spangler, A. Weber, 10 pp.

GERMAN, per, Chemische Berichte, V ol XCII, 1959, pp 2163-71.

CIA/FDD XX-961
REPORT

Sci- Chemistry
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140,497

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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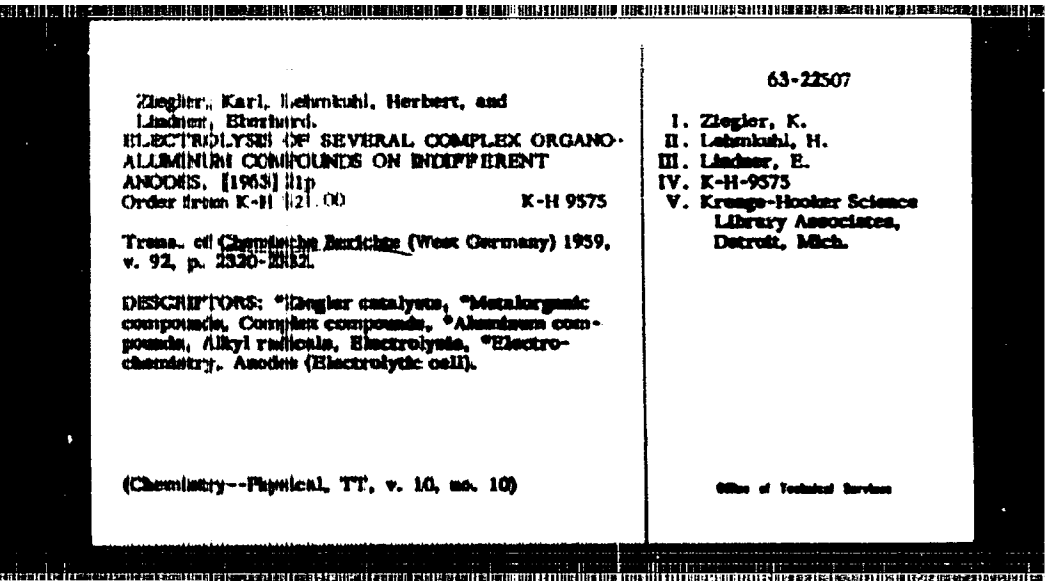

Ziegler, Karl, Lehmkuhl, Herbert, and Lindner, Ehrhard.
ELECTROLYSIS OF SEVERAL COMPLEX ORGANO-ALUMINUM COMPOUNDS ON INDIFFERENT ANODES. [1963] 11p
Order from K-H $21.00 K-H 9575

Trans. of Chemische Berichte (West Germany) 1959, v. 92, p. 2320-2332.

DESCRIPTORS: *Ziegler catalysts, *Metalorganic compounds, Complex compounds, *Aluminum compounds, Alkyl radicals, Electrolysis, *Electrochemistry, Anodes (Electrolytic cell).

(Chemistry--Physical, TT, v. 10, no. 10)

63-22507

I. Ziegler, K.
II. Lehmkuhl, H.
III. Lindner, E.
IV. K-H-9575
V. Krauss-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Lux, Hermann and Ullmann, Gunther.
KNOWLEDGE ABOUT CHROMIUM (II) SALTS AND CHROMIUM (II) OXIDE [REPT.] II. [1963] 12p.
19 refs.
Order from SLA $1.00 63-14224

Trans. of Chemische Berichte (West Germany) 1959, v. 92, no. 9, p. 2354-2371.

DESCRIPTORS: *Chromium compounds, *Oxides, Synthesis (Chemistry), Mercury alloys, Salts, Chelates, Polymers, Carbonyl radicals, Decomposition, Hydroxides, Dehydration, Solubility, Crystal structure.

The products obtainable by the oxidation of chromium amalgam and described in the older literature as chromium (II) oxide are amorphous under x-ray, indefinite in their composition and always contain considerable mercury. They should be deleted from the literature as chromium (II) oxide. The thermic de-
(Chemistry--inorganic, TT, v. 10, no. 4) (over)

63-14224

I. Lux, H.
II. Ullmann, G.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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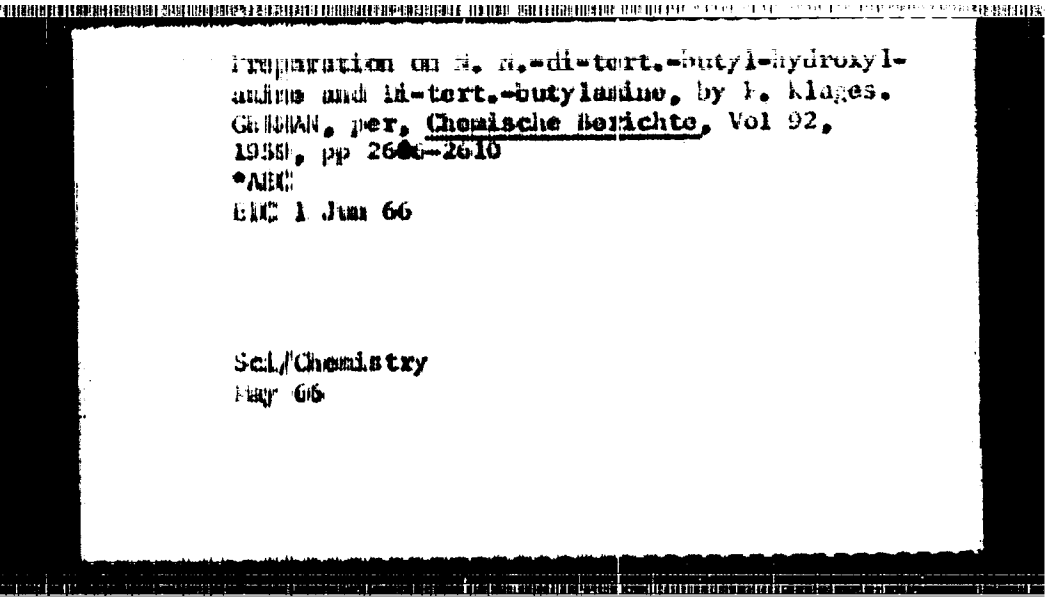

Preparation on N, N'-di-tert.-butyl-hydroxylamine and N-tert.-butylamine, by F. Klages. GERMAN, per, Chemische Berichte, Vol 92, 1959, pp 2600-2610
*AEC
DDC 1 Jun 66

Sci/Chemistry
May 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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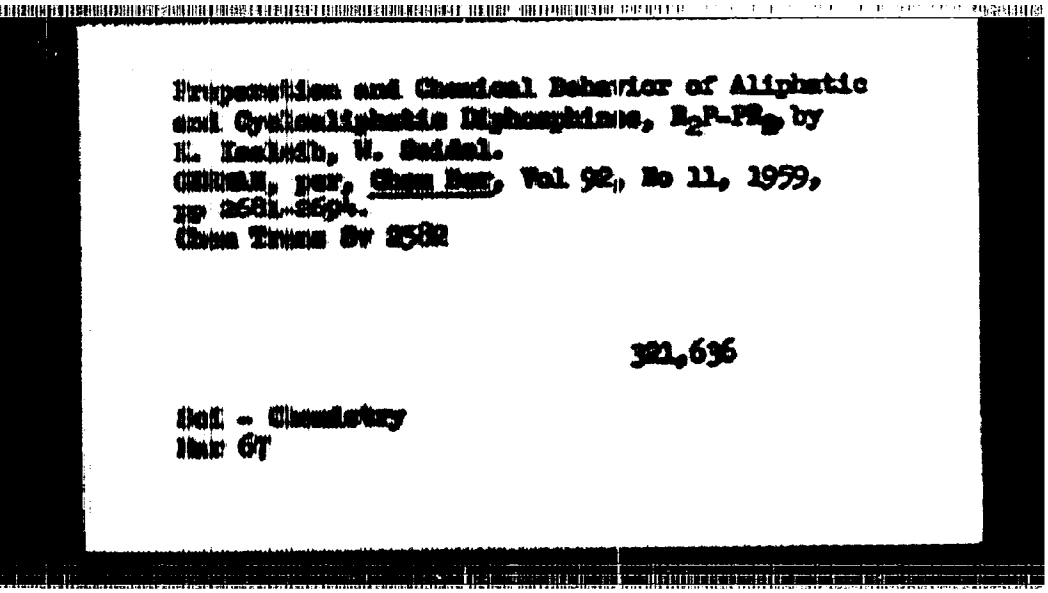

Preparation and Chemical Behavior of Aliphatic and Cycloaliphatic Diphosphines, R_2P-PR_2, by H. Kaukeb, W. Seidel. (German), pub. Chem Ber, Vol 92, No 11, 1959, pp 2681-2691. Chem Trans Sv 2582

321,636

Ref - Chemistry
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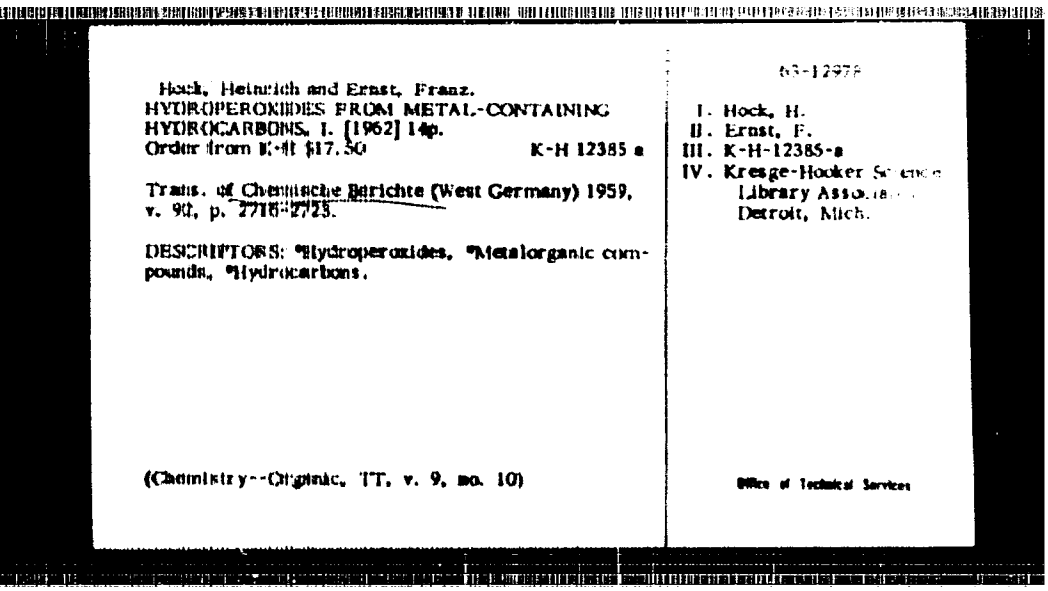

Hock, Heinrich and Ernst, Franz.
HYDROPEROXIDES FROM METAL-CONTAINING HYDROCARBONS. I. [1962] 14p.
Order from K-H $17.50 K-H 12385 a

Trans. of Chemische Berichte (West Germany) 1959, v. 92, p. 2716-2725.

DESCRIPTORS: *Hydroperoxides, *Metalorganic compounds, *Hydrocarbons.

(Chemistry--Organic, TT, v. 9, no. 10)

63-12978

I. Hock, H.
II. Ernst, F.
III. K-H-12385-a
IV. Kresge-Hooker Science Library Association, Detroit, Mich.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

TT-68-13877 Field 7C

Viehe, H. G.
HETEROSUBSTITUTED ACETYLENES. III. NUCLEOPHIL SUBSTITUTIONS AND HALOGEN-METAL EXCHANGE REACTIONS ON TRIPLE BONDS. 19p, 48refs.
Order from: SLA: $1.60 as TT-68-13877

Trans. of Chemische Berichte (West Germany)
102 n12 p3961-75 1968.

1. Title: Nucleophil . . .

MR 667

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Synthesis of Tetracyclic Disintegration Products of Anhydro-Terracline, by Hans Manfeldt, 45 pp.

(GERMAN, per, Chemische Berichte, Vol XCII, No 12, 1959, pp 3122-3150.

SLA 61-10304

Vol V, No 5
Jun 61

160,176

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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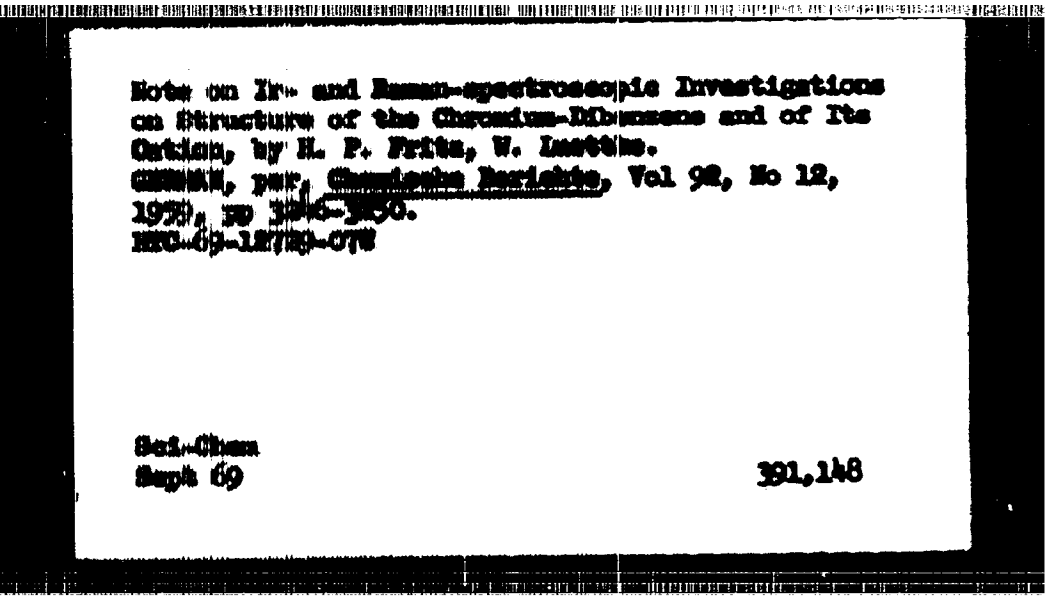

Note on Ir- and Raman-spectroscopic Investigations on Structure of the Chromium-Dibenzene and of Its Cation, by H. P. Fritz, W. Luttke.
GERMAN, per. Chemische Berichte, Vol 92, No 12, 1959, pp 3245-3250.
ERC-69-12783-078

Sci.-Chem
Sept 69

391.148

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Feit, Peter W.
SYNTHESIS OF THE STEREOISOMERIC 1, 2; 3, 4-DIOXIDOBUTANE. [1962] 23p. (figs. tables, refs. some formulae omitted).
Order from SLA $2.60 62-16266

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93 [no. 1] p. 116 [-127].

DESCRIPTORS: *Stereochemistry, Dioxides, *Butanes, Synthesis, Molecular structure, Molecular isomerism.

Meso- and racemic 1, 2; 3, 4-dioxidobutane are prepared and a method for analytical determination of mixtures of the above is given with the aid of infrared spectra. The synthesis of previously unknown optical antipodes of optically active 2, 3-dichloro- and 2, 3-dibromobutanediols obtained via the dissociation of racemic forms as well as via the optically active 1, 4-dichloro- and 1, 4-dibromobutanediols is (Chemistry--Organic, TT, v. 8, no. 9) (over)

62-16266

1. Feit, P. W.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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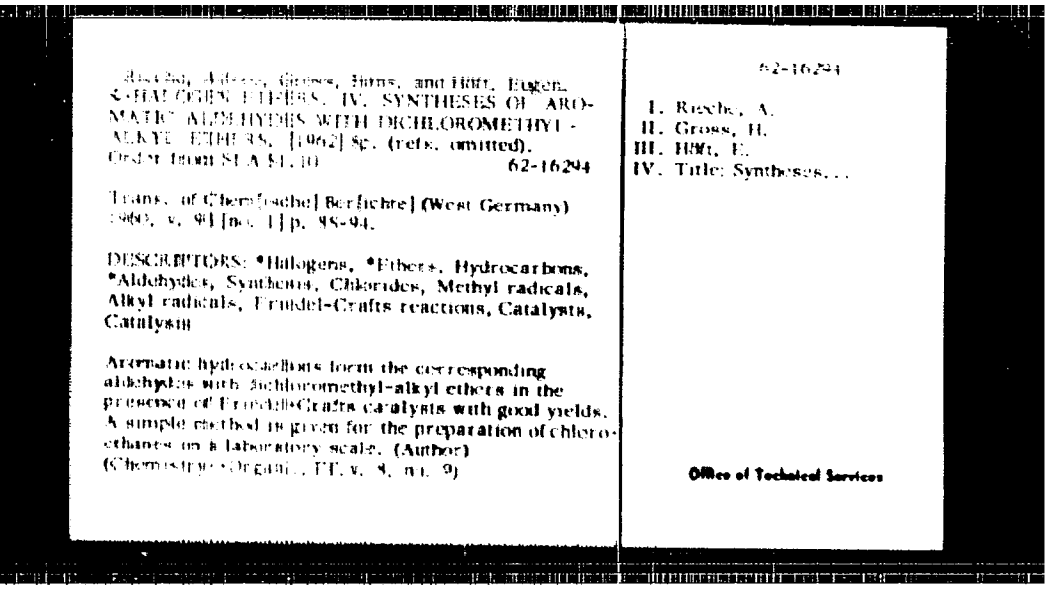

Reichl, Alfred, Gross, Hans, and Hilt, Eugen. α-HALOGEN ETHERS. IV. SYNTHESES OF AROMATIC ALDEHYDES WITH DICHLOROMETHYL-ALKYL ETHERS. [1962] 8p. (refs. omitted).
Order from SLA $1.10 62-16294

Trans. of Chem[sche] Ber[ichte] (West Germany) 1960, v. 93 [no. 1] p. 88-94.

DESCRIPTORS: *Halogens, *Ethers, Hydrocarbons, *Aldehydes, Syntheses, Chlorides, Methyl radicals, Alkyl radicals, Friedel-Crafts reactions, Catalysts, Catalysis

Aromatic hydrocarbons form the corresponding aldehydes with dichloromethyl-alkyl ethers in the presence of Friedel-Crafts catalysts with good yields. A simple method is given for the preparation of chloroethanes on a laboratory scale. (Author)
(Chemistry-Organic, TT, v. 8, no. 9)

62-16294

I. Reichl, A.
II. Gross, H.
III. Hilt, E.
IV. Title: Syntheses...

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

K. H. Lieser

Phase Formation in the System $AlCl_3$/HCl/ Toluene.
GERMAN, per, Chemische Berichte, Vol 93, 1960, pp 176-180
NIC 72-12506-07D

sept 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

K. H. Lieser

Phase Formation in the System $AlCl_3$/HCl/ Mesitylene.
GERMAN, per, Chemische Berichte, Vol 93, 1960, pp 181-186
IRC 72-12507-07D

AFS - 62676 Orig. from U.S. 10.25

sept 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Isonitriles, Preparation of Isonitriles From
Monosubstituted Formamides by Means of Dehydration,
by Ivar Ugi, Rudolf Meyr, 12 pp.
GERMAN, per, Chemische Berichte, Vol XCIII, 1960,
pp 239-248. 9692209
DDC RSIC-127

Sel - Chem
Apr 64

253,726

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Criegee, R. and Schröder, G.
A CRYSTALLIZED INITIAL OZONIDE. Rept. II on Course of Ozone Splitting. [1961] 10p. 16 refs.
Order from SLA $3.10 61-20975

Trans. of Chemische Berichte (West Germany) 1960, v. 93, no. 3, pp. 689-693.

DESCRIPTORS: *Ozonides, Production, Crystal structure, Cation, Butyl radicals, Glycols, Ethylenes, Crystallization.

During ozonization of trans-di-tert.- butyl-ethylene at -75° a crystallization product originates, which at elevated temperatures undergoes exothermic change to a normal ozonide. The constitution of the unstable compound as initial ozonide is shown among other ways by reduction to racemic di-tert. - butyl-ethylene glycol. (Author)

61-20975

I. Criegee, R.
II. Schröder, G.
III. Title: Course. . .

(Chemistry--Organic, TT, v. 7, no. 7) Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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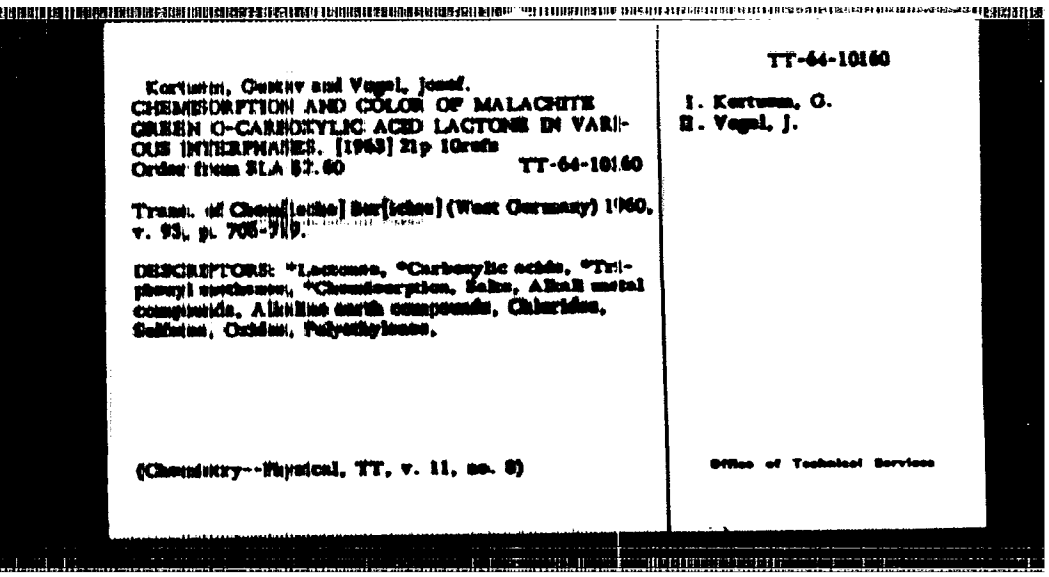

Kortum, Custav and Vogel, Josef.
CHEMISORPTION AND COLOR OF MALACHITE GREEN O-CARBOXYLIC ACID LACTONE IN VARIOUS INTERPHASES. [1960] 21p 10refs
Order from SLA $7.60 TT-64-10160

Trans. of Chem[iche] Ber[ichte] (West Germany) 1960, v. 93, pt. 705-719.

DESCRIPTORS: *Lactones, *Carboxylic acids, *Triphenyl methanes, *Chemisorption, Salts, Alkali metal compounds, Alkaline earth compounds, Chlorides, Sulfates, Oxides, Polyethylenes.

(Chemistry--Physical, TT, v. 11, no. 6)

TT-64-10160

1. Kortum, G.
2. Vogel, J.

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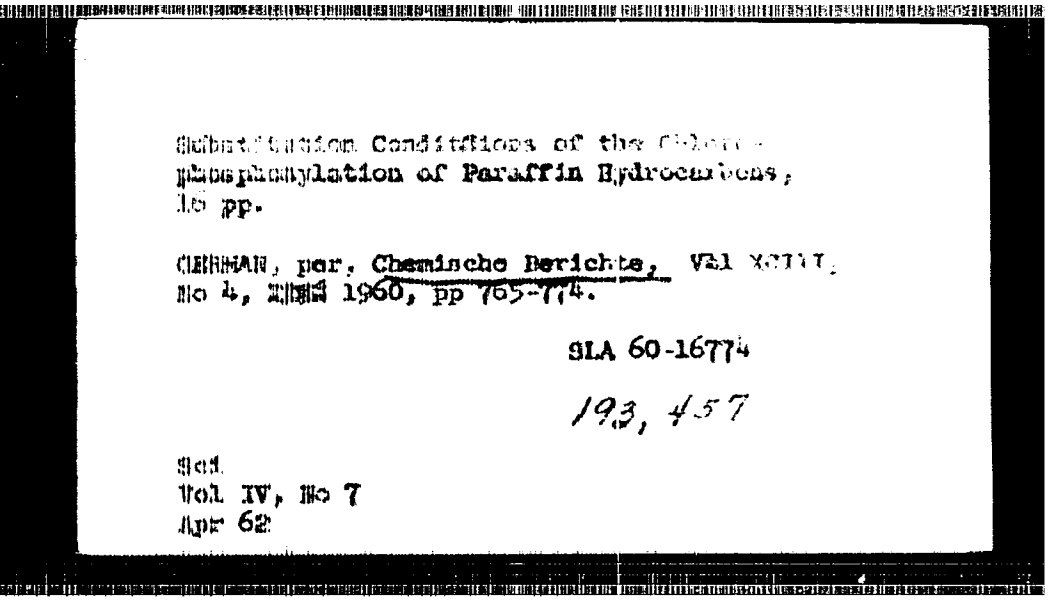

Gubkin Union Conditions of the Chlorin-
phosphonylation of Paraffin Hydrocarbons,
15 pp.

GERMAN, per. Chemische Berichte, Vol XCIII,
No 4, 1960, pp 765-774.

SLA 60-16774

193, 457

Sid
Vol IV, No 7
Apr 62

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Synthesis With Enamines, V. Lengthening of Chain of Mono- and Dicarboxylic Acids by 5 to 10 Carbon Atoms, by S. Hunig, W. Lendle.

CHEMAN, ptr, Chemische Ber, Vol XCIII, 1960, pp 913-920.

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Gal - Chem
Cat. 61

171, 385

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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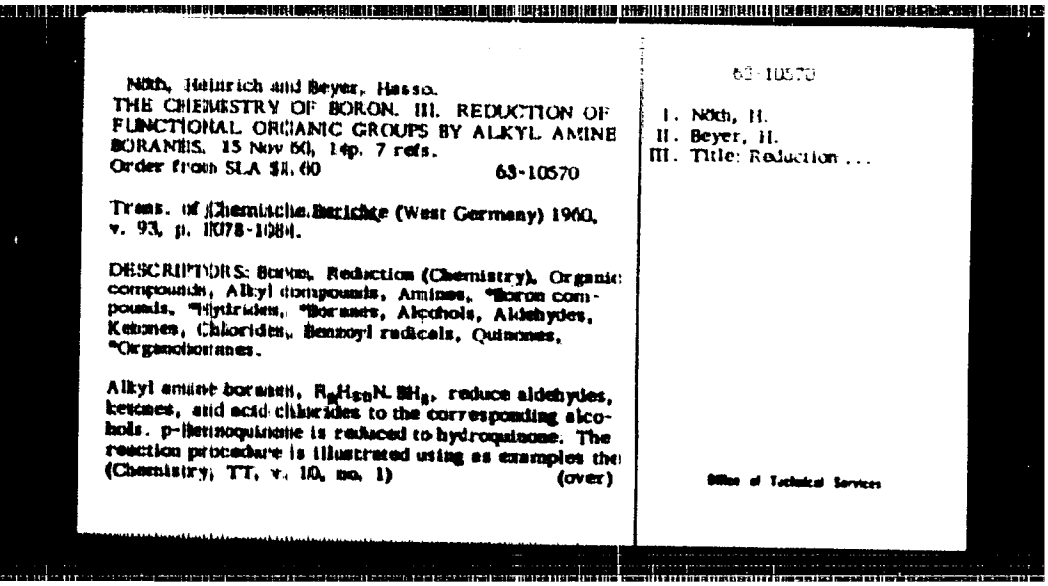

Nöth, Heinrich and Beyer, Hasso.
THE CHEMISTRY OF BORON. III. REDUCTION OF FUNCTIONAL ORGANIC GROUPS BY ALKYL AMINE BORANES. 15 Nov 60, 14p. 7 refs.
Order from SLA $1.60 63-10570

Trans. of Chemische Berichte (West Germany) 1960, v. 93, p. 1078-1084.

DESCRIPTORS: Boron, Reduction (Chemistry), Organic compounds, Alkyl compounds, Amines, *Boron compounds, *Hydrides, *Boranes, Alcohols, Aldehydes, Ketones, Chlorides, Benzoyl radicals, Quinones, *Organoboranes.

Alkyl amine boranes, $R_nH_{3-n}N \cdot BH_3$, reduce aldehydes, ketones, and acid chlorides to the corresponding alcohols. p-Benzoquinone is reduced to hydroquinone. The reaction procedure is illustrated using as examples the (Chemistry, TT, v. 10, no. 1) (over)

63-10570

I. Nöth, H.
II. Beyer, H.
III. Title: Reduction ...

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Behavior of Nonmetal Chalcogenides With Liquid Ammonia. Part VI. The Behavior of Tetraphosphorus Tetrathiohexoxide with Liquid Ammonia, by L. Huber.
GERMAN, per, Chemische Berichte, vol. 93, 1960, pp. 1137-1143.
MIC 71-12753-07B

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Preparation and Reactions of Esters of Phosphorous and Phosphinous Acids, by Manfred Sander, 15 pp.

GERMAN, per, Chem Berichet, Vol XCIII, 1960, pp 1220-1230.

BM SLA 60-16869

Bcl
Vol IV, No 7
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192, 647

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The KBr Compressed Tablet Technique
in Infra Red Spectroscopy, by W. Kutzelnigg.

GERMAN, per, Chemische Berichte, Vol XCIII, No 6,
1960, pp 1279-1283.

CSIRO 5546

Sci
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Gundermann, K. D., Holtmann, Gerhard and others.
FORMATION, RING SPLITTING AND ISOMERING OF ETHYLENE IMINE CARBONIC ACID-(2) DERIVATIVES. [1961] 18p. 21 refs.
Order from SLA $1.60) 62-10423

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93, p. 1638-1642.

DESCRIPTORS: *Ethyleneimines, Imines, *Carbonic acids, Acids, Isomers, Isomeric transitions, Synthesis, Molecular structure, Sodium compounds, Hydroxides, Propionic acids, Chemical reactions, Amino acids, Hydrochloric acids.

Kinetic investigation of HCl splitting from alpha-chloro-beta-amino and alpha-amino-beta-chloro-propionic acid in the presence of caustic soda solution shows that both form ethylene imine carbonic acid-(2). (Chemistry--Organic, TT, v. 7, no. 10) (over)

62-10423

I. Gundermann, K. D.
II. Holtmann, G.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Acid-Catalyzed Decomposition of Isomeric Hydroperoxy-n-Octanes, by W. Pritzkow. GERMAN, per, Chemische Berichte, Vol 93, 1960, pp 2151-2156.
NYC-71-12668-07C

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

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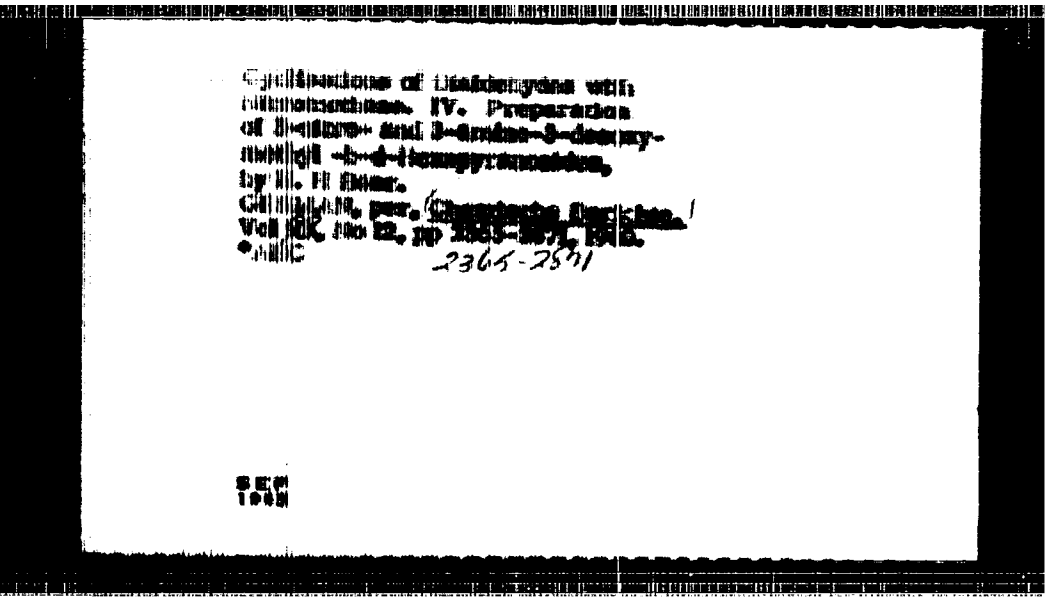

2365-2371

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Formation of Urea Adducts by Position-isomeric N-Alkane Derivatives, by G. Geisler, P. Richter.

GERMAN, per, Chemische Berichte, Vol XCIII, No 11, 1960, pp 2511-2521.

Dept of Interior
Tr No 1703

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Jan 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Formation of Ketones in the Gas Phase Oxidation of n-Pentane in the Low Temperature Range, by Gerhard Ohlmann, Edgar Schreiber, Hermann Selmits.

CHEMAN, ppr, Chem Ber, Vol XCIII, 1960, pp 2567-2572.

CIA/FDD XX-1066
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

170, 170

Oct 61

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

Synthesis of Ferrocene Derivatives on the Basis of Boron and Halogen Substituted Ferrocenes, by A. N. Nesmeyanov and V. A. Sazonova et al.
25 pp.
GOVT. USE ONLY
GERMAN, per. Chemische Berichte, No 93, 1960
pp. 2717-2729.
RSIC-712

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Franzen, Volkert and Mertz, Christian.
ON THE MECHANISM OF HOFMANN ELIMINATION WITH SULFONIUM SALTS. [1962] 5p. 8 refs.
Order from SLA $1.10 62-16258

Trans. of Chem[ische] Ber[ichte] (West Germany) 1960, v. 93 [no. 11] p. 2819-2823.

DESCRIPTORS: *Sulfonium radicals, Salts, Ethyl radicals, Bromides, Iodides, *Methyl radicals, *Elimination reactions, Molecular association, Sodium compounds.

Triethyl-sulfonium-bromide and -iodide become converted smoothly with trityl sodium into triphenyl methane, diethyl sulfide and ethylene. The attack of the base on the sulfonium salt is preponderatingly at the methylene groups, as was shown by experiments with $(CH_3(CD_2)_2)_3SX$ (X = Br, I). There is a discussion of the factors that influence the relation of this (Chemistry--Organic, TT, v. 8, no. 9) (over)

62-16258

I. Title: Hofmann degradation
I. Franzen, V.
II. Mertz, C.

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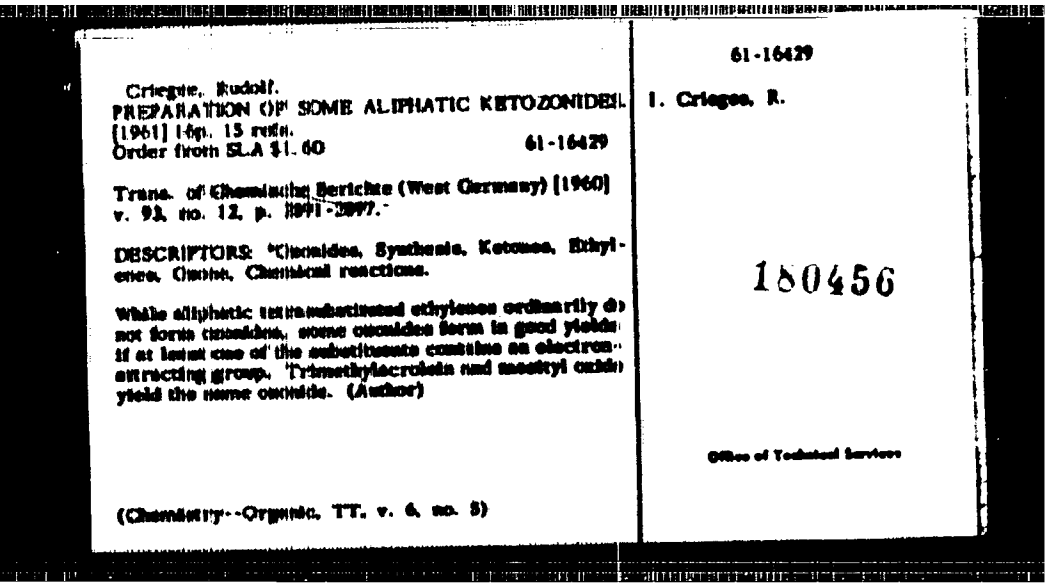

Criegee, Rudolf.
PREPARATION OF SOME ALIPHATIC KETOZONIDES.
[1961] 14p. 15 refs.
Order from SLA $1.60 61-16429

Trans. of Chemische Berichte (West Germany) [1960] v. 93, no. 12, p. 3091-3097.

DESCRIPTORS: *Ozonides, Synthesis, Ketones, Ethylenes, Ozone, Chemical reactions.

While aliphatic tetrasubstituted ethylenes ordinarily do not form ozonides, some ozonides form in good yields if at least one of the substituents contains an electron-attracting group. Trimethylacrolein and mesityl oxide yield the same ozonide. (Author)

(Chemistry--Organic, TT. v. 6, no. 5)

61-16429

1. Criegee, R.

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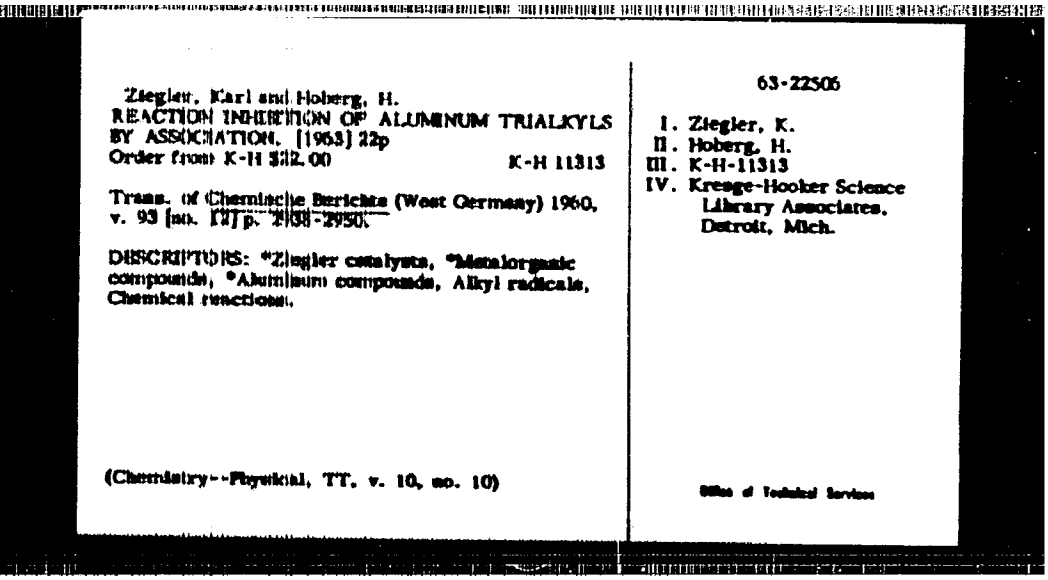

Ziegler, Karl and Hoberg, H.
REACTION INHIBITION OF ALUMINUM TRIALKYLS BY ASSOCIATION. [1963] 22p
Order from K-H $12.00 K-H 11313

Trans. of Chemische Berichte (West Germany) 1960, v. 93 [no. 12] p. 2938-2950.

DESCRIPTORS: *Ziegler catalysts, *Metalorganic compounds, *Aluminum compounds, Alkyl radicals, Chemical reactions.

(Chemistry--Physical, TT. v. 10, no. 10)

63-22506

I. Ziegler, K.
II. Hoberg, H.
III. K-H-11313
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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Winterstein, Alfred, Studer, André, and Rüegg, Rudolf.
NEW RESULTS IN CAROTENOID RESEARCH. [1963] [27p] 27refs
Order from SLA $11.60 TT-64-10482

Trans. of Chemische Berichte (West Germany) 1960, v. 93 [no. 12] p. 2951-2963. (Abstract available)

DESCRIPTORS: *Carotenoids, Plants (Botany), Grasses, Fruits, Vegetables, Intestines.

Original experiments on the following topics are described: carotenoids of citrus fruit; determination of carotenoid-aldehydes in spinach; determination of carotenoid-aldehydes in grass, clover, green cabbage, lettuce and cress; determination of β-apo-8'-carotene in the mucosa of the intestines; carotene of the tomato; determination of didehydrolycopene in Spanish oranges; (Biological Sciences--Biochemistry, TT, v. 11, no. 9) (over)

TT-64-10482

I. Winterstein, A.
II. Studer, A.
III. Rüegg, R.

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Considerations on the Plicbility of Nitrogen Chains in Azides and I Diazo-Azides on the Basis of a [illegible] Simple Molecular Orbital Theory, by John D. Roberts.

GERMAN, per, Chemisch Berichte, Vol XCIV, No 1, 1961, pp 273-278.

[illegible]
*ERDL, Ft Belvoir T-207

Sci - Chem
17 Jun 62

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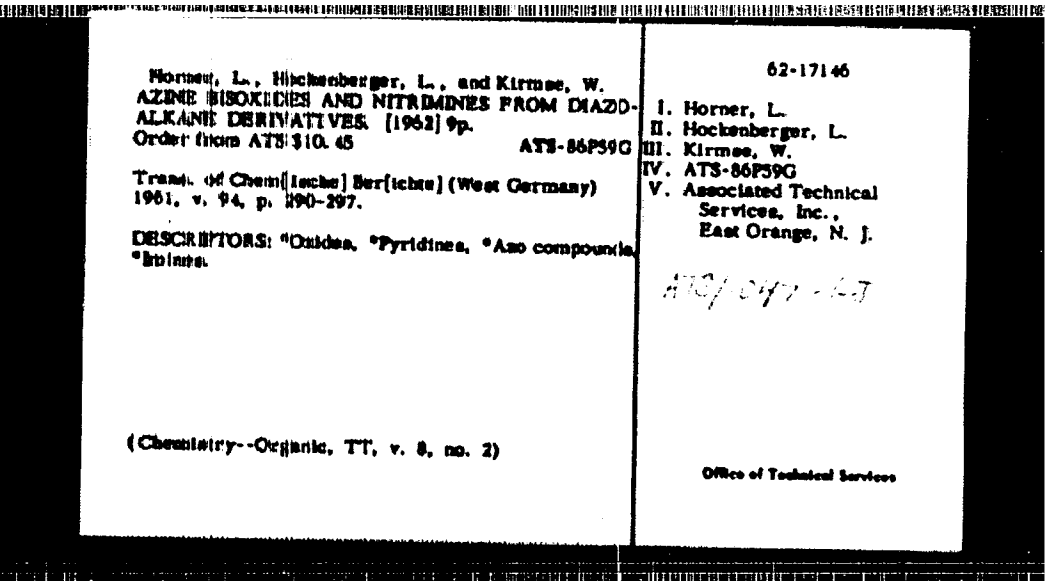

Horner, L., Hockenberger, L., and Kirmse, W.
AZINE BISOXIDES AND NITRIMINES FROM DIAZO-ALKANE DERIVATIVES. [1962] 9p.
Order from ATS $10.45 ATS-86P59G

Trans. of Chem[ische] Ber[ichte] (West Germany) 1961, v. 94, p. 290-297.

DESCRIPTORS: *Oxides, *Pyridines, *Azo compounds, *Imines.

(Chemistry--Organic, TT, v. 8, no. 2)

62-17146

I. Horner, L.
II. Hockenberger, L.
III. Kirmse, W.
IV. ATS-86P59G
V. Associated Technical Services, Inc., East Orange, N. J.

ATS/ 62-17146

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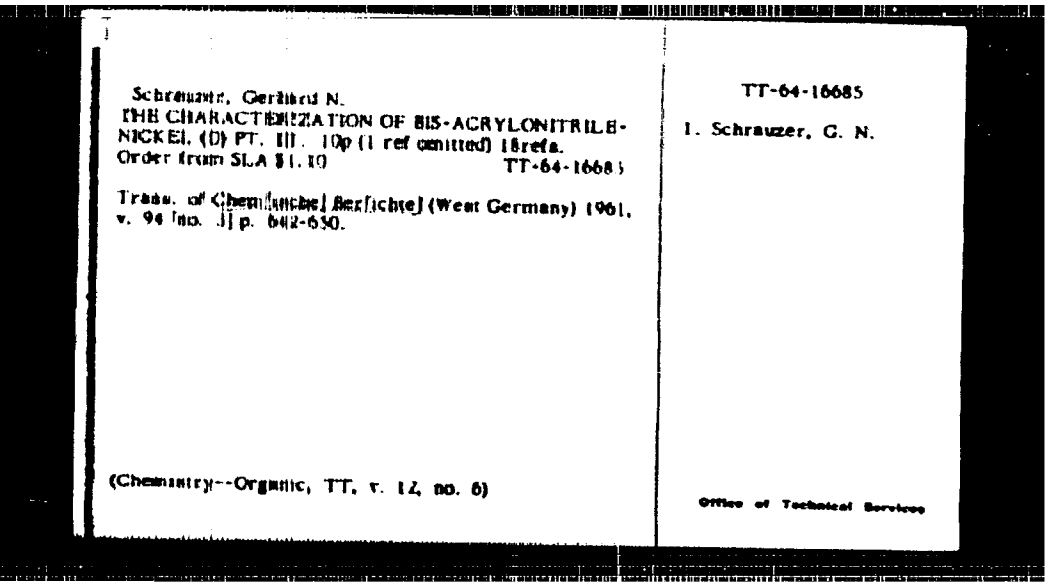

Schrauzer, Gerhard N.
THE CHARACTERIZATION OF BIS-ACRYLONITRILE-NICKEL. (D) PT. III. 10p (1 ref omitted) 18refs.
Order from SLA $1.10 TT-64-16685

Trans. of Chemische Berichte (West Germany) 1961, v. 94 no. 3 p. 642-650.

(Chemistry--Organic, TT, v. 12, no. 6)

TT-64-16685

1. Schrauzer, G. N.

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Contribution to the Chemistry of the
Diazacyclopropanes, by S. R. Paulsen
GERMAN, per, Chemische Berichte, Vol 94,
1961, pp 968-975
FTC 71-15255-07C

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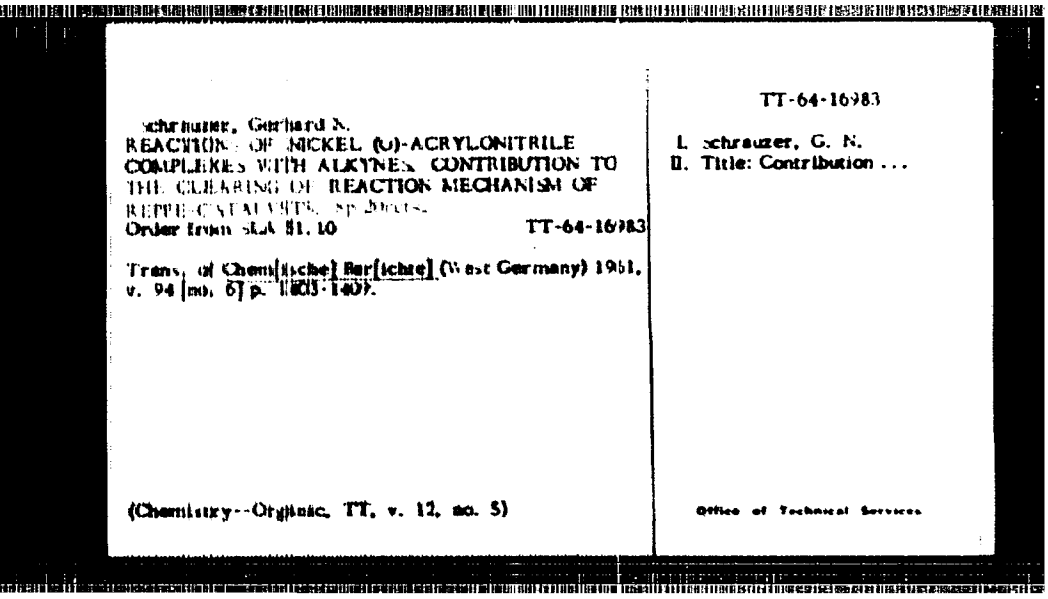

Schrauzer, Gerhard N.
REACTION OF NICKEL (0)-ACRYLONITRILE COMPLEXES WITH ALKYNES. CONTRIBUTION TO THE CLEARING OF REACTION MECHANISM OF REPPE-CATALYSTS. [illegible]
Order from SLA $1.10 TT-64-16983

Trans. of Chem[ische] Ber[ichte] (West Germany) 1961, v. 94 [no. 6] p. 1403-1409.

(Chemistry--Organic, TT, v. 12, no. 5)

TT-64-16983

I. Schrauzer, G. N.
II. Title: Contribution ...

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The Isomerism of Dinitrogentetroxide: The Kinetics of the Reaction of Nitrogen Dioxide With Hydrazoic Acid in the Gas Phase, by F. Ibel, W. Rinukraut.

GERMAN, per, Chemische Berichte, Vol XCIV, No 6, 1961, pp 1436-1442.

TIL T5369

Sci - Chem
Feb 63

222,465

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4

The Mechanism of the Inhibitor Action of Organic Compounds in ~~ix~~ the System Iron-Acid-II, by H. Fischer, H. Yamaoka.
GERMAN, per, Chemische Berichte, Vol XCIV, No 6, 1961, pp 1477-1496.
CIBGB 3174

Sci - Chem
Apr 64

255,121

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160020-4